Contract No. GS35F4155D

(Unclassified)

PHASE II REPORT

USAF LOGISTICS PROCESS
OPTIMIZATION STUDY
for the
Aircraft Asset Sustainment Process

AFLMA Project LM9731101

Volume II of III

ACC To Be Model

Prepared for:

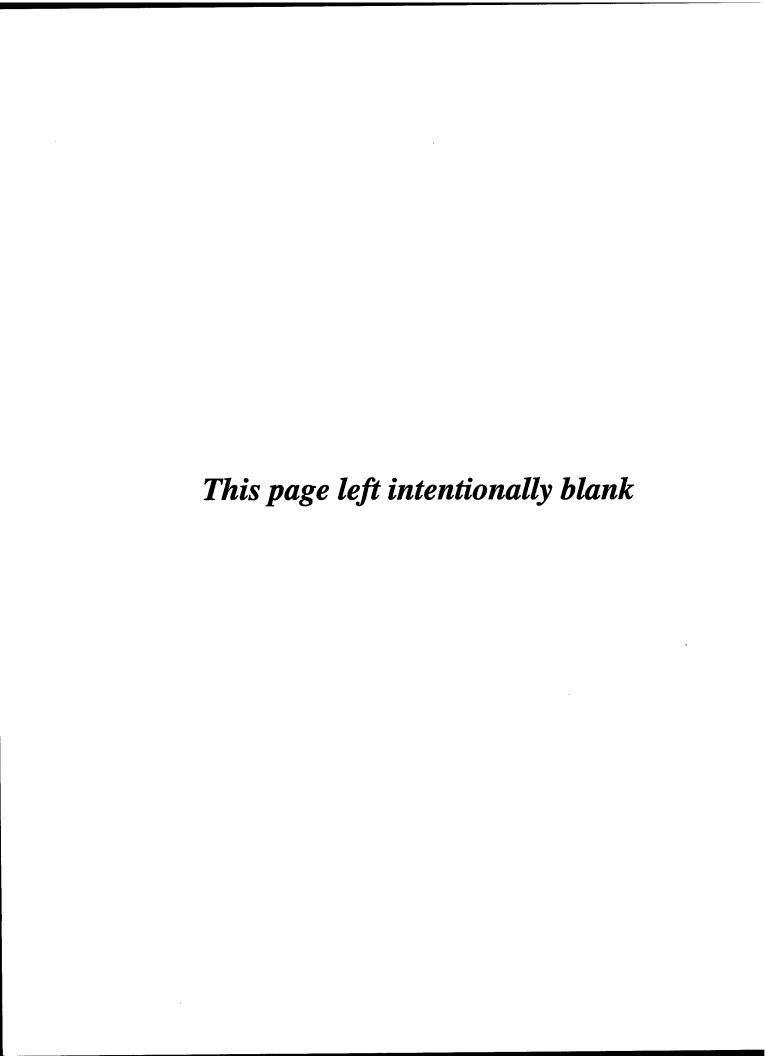
AFLMA 501 Ward Street Maxwell AFB, Gunter Annex, AL 36114-3236

Prepared by:

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Huntsville AL 35894-0001

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31 December 1998



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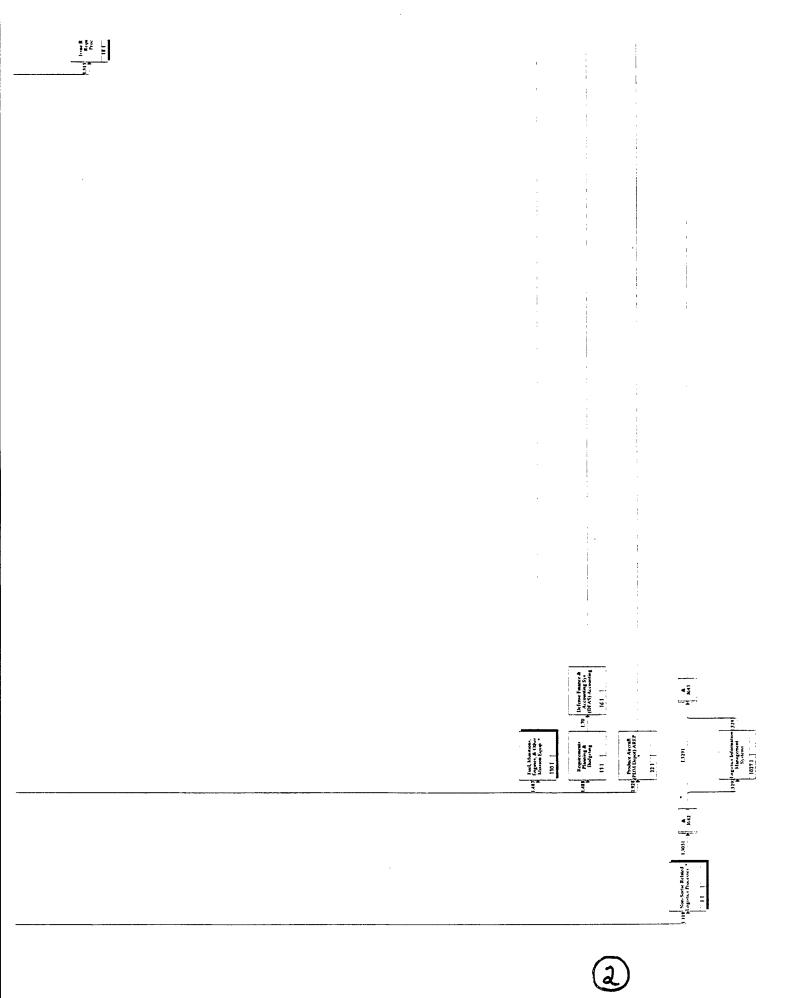
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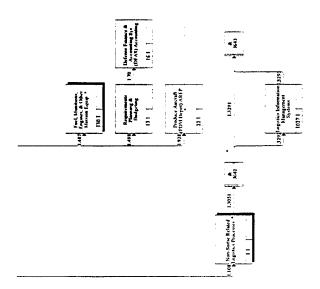
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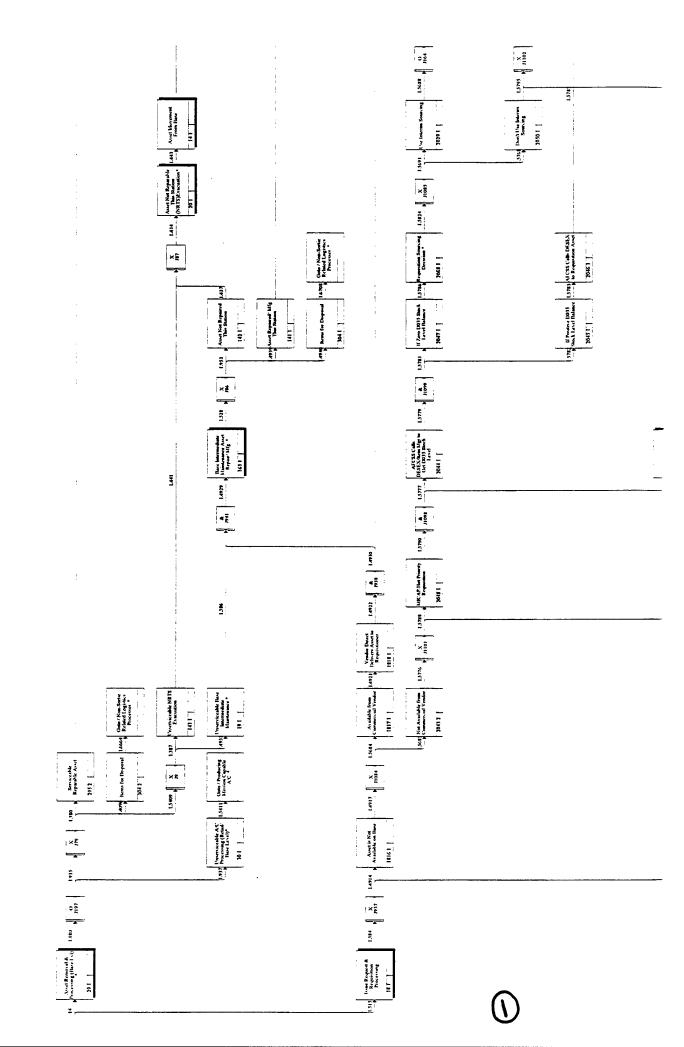
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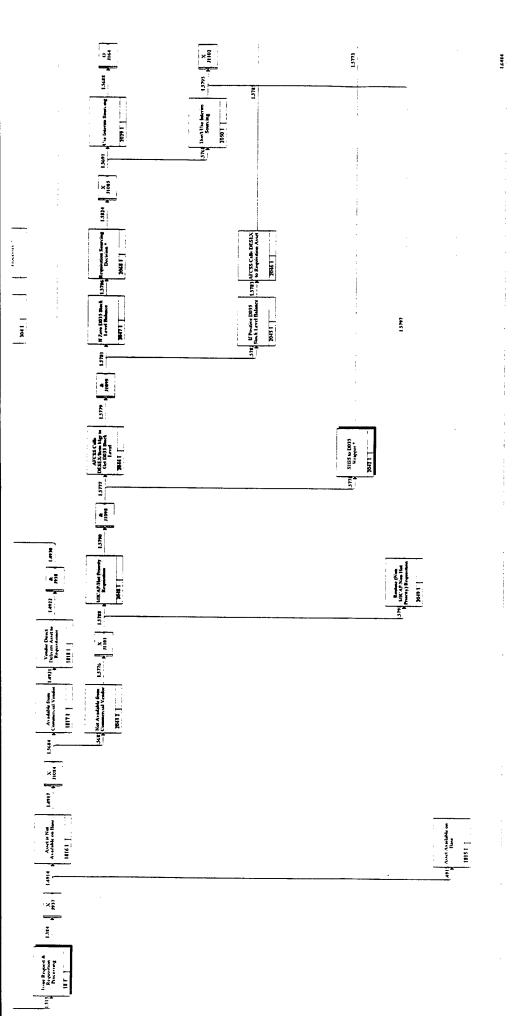
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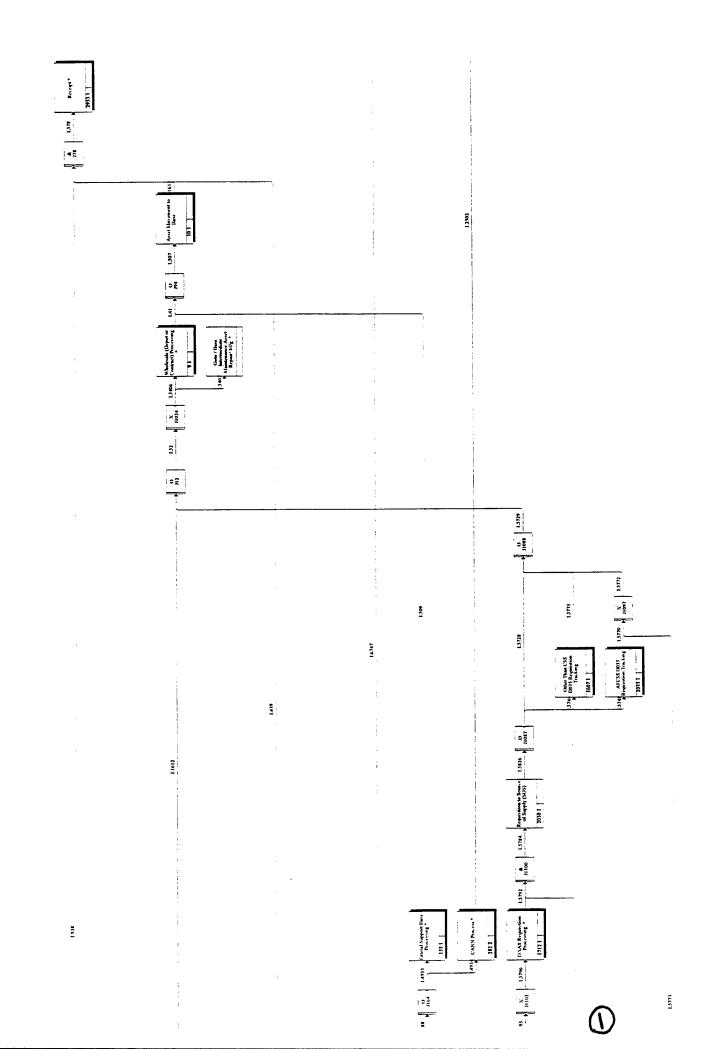


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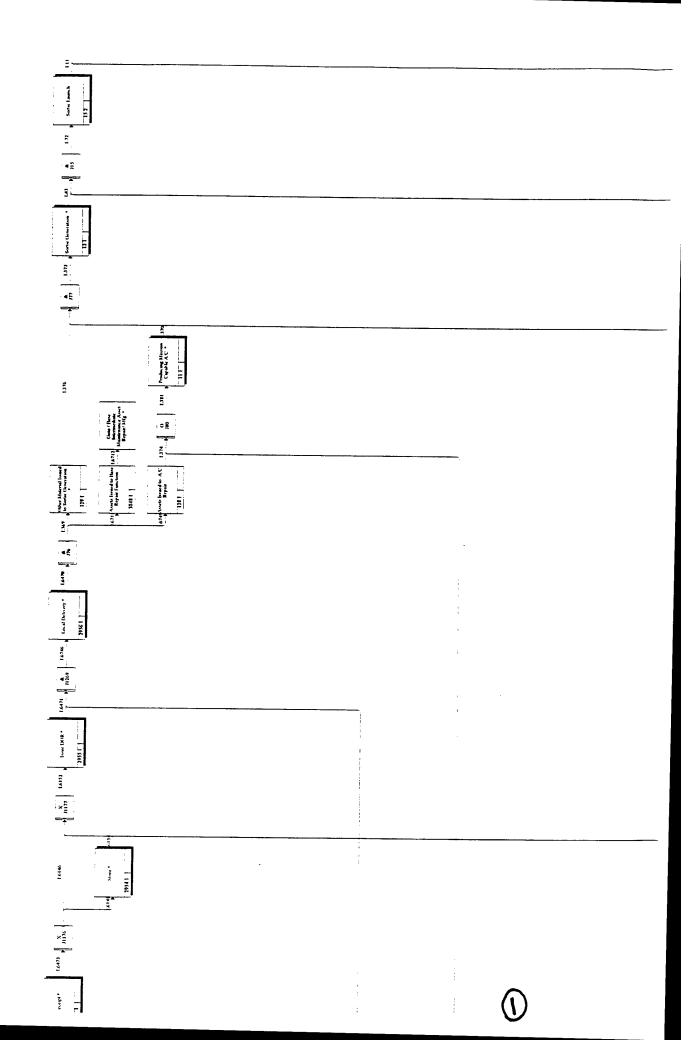
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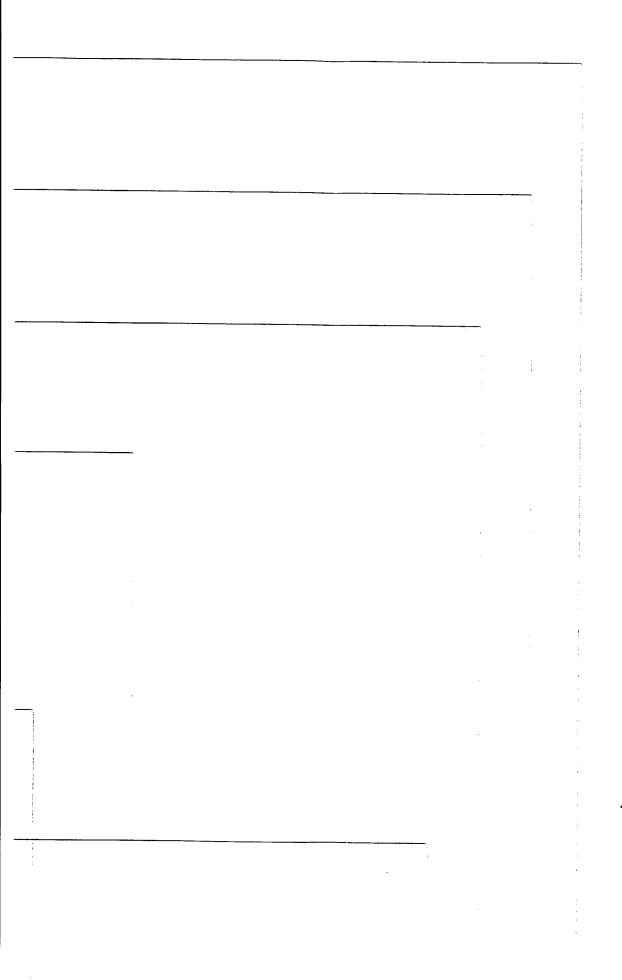
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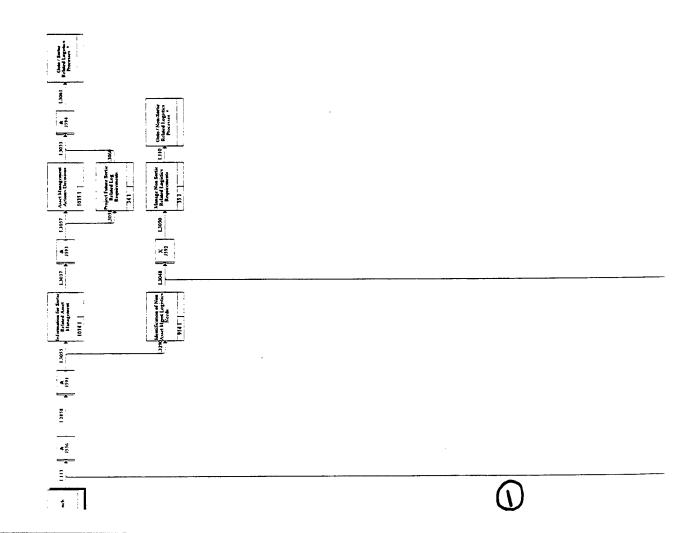
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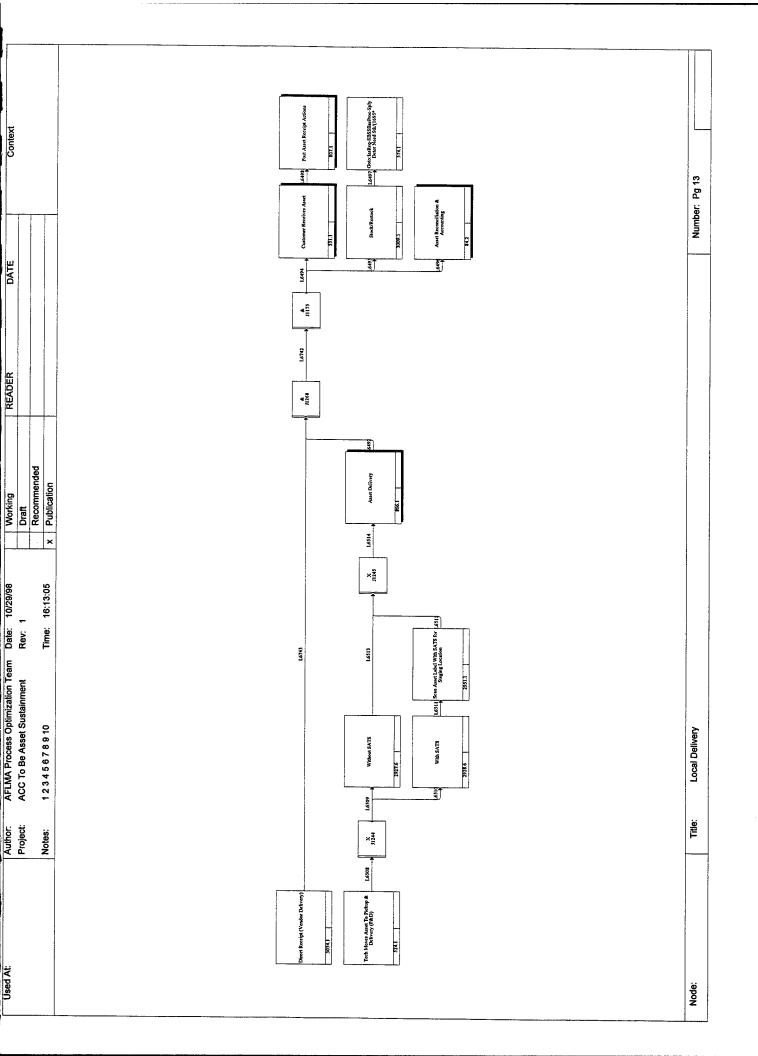




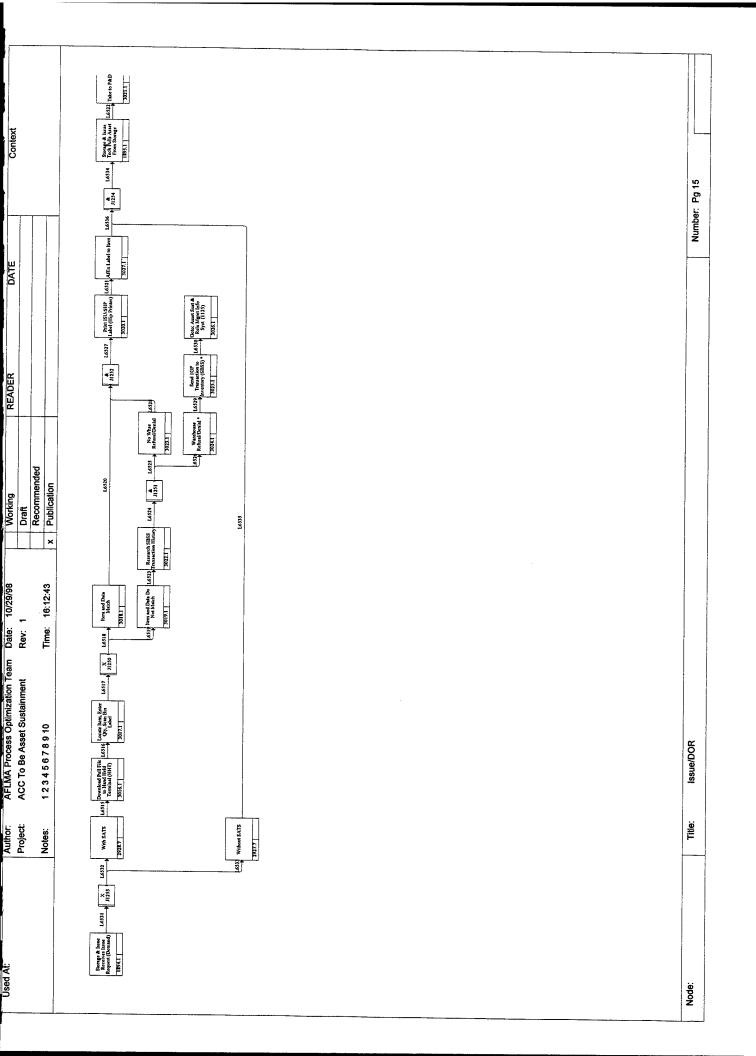


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Process Flow Decomp: Local Delivery



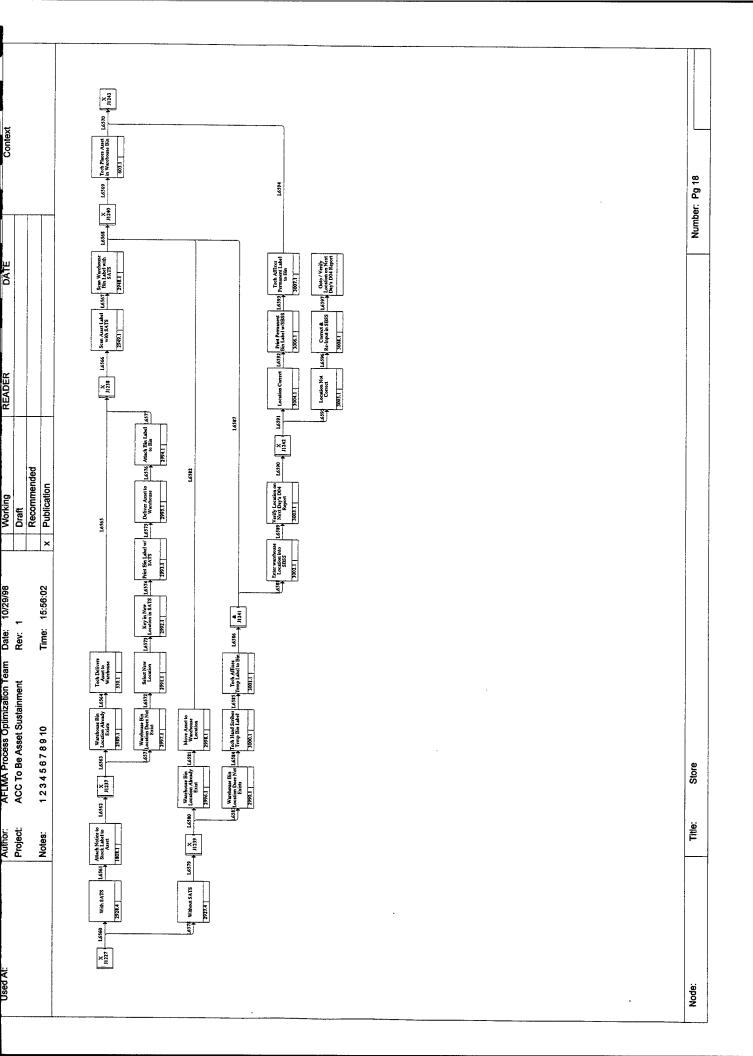
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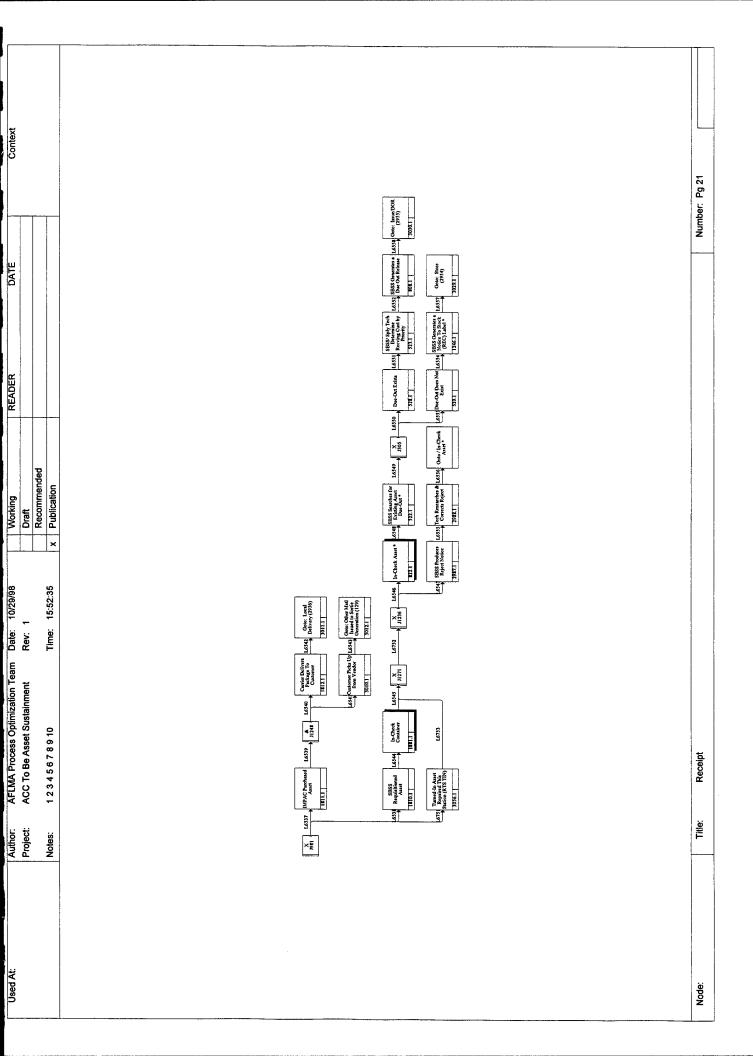
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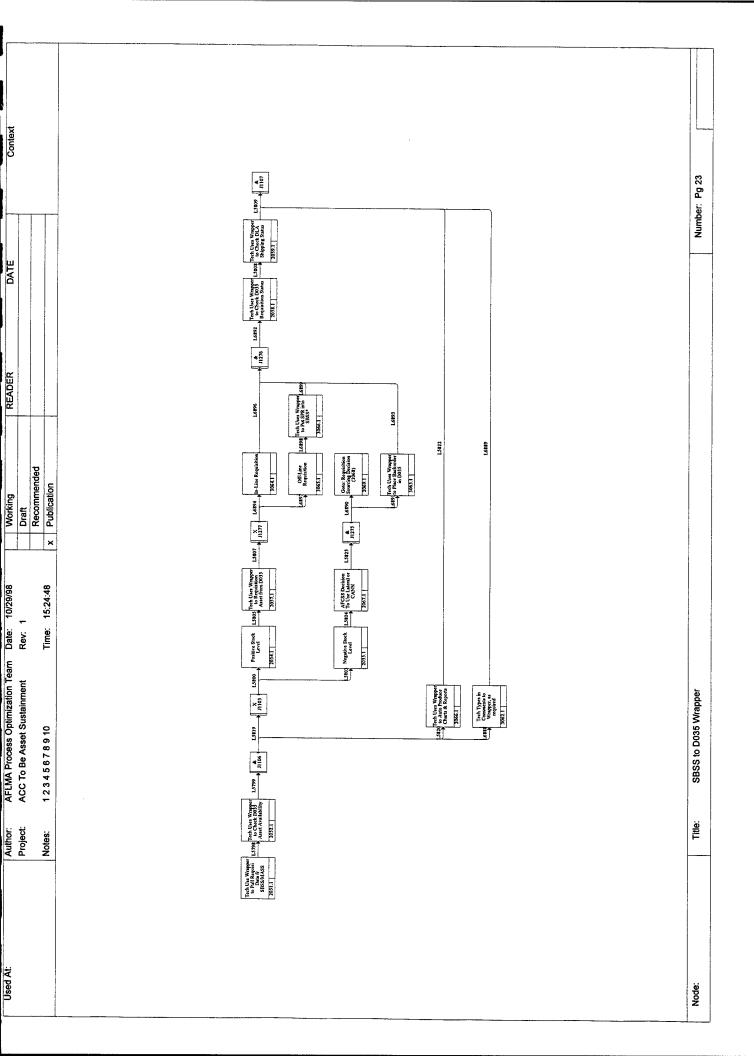


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Process Flow Decomp: Receipt



Process Flow Decomp: SBSS to D035 Wrapper



Process Flow Decomp: AFCSS D035 Requisition Tracking

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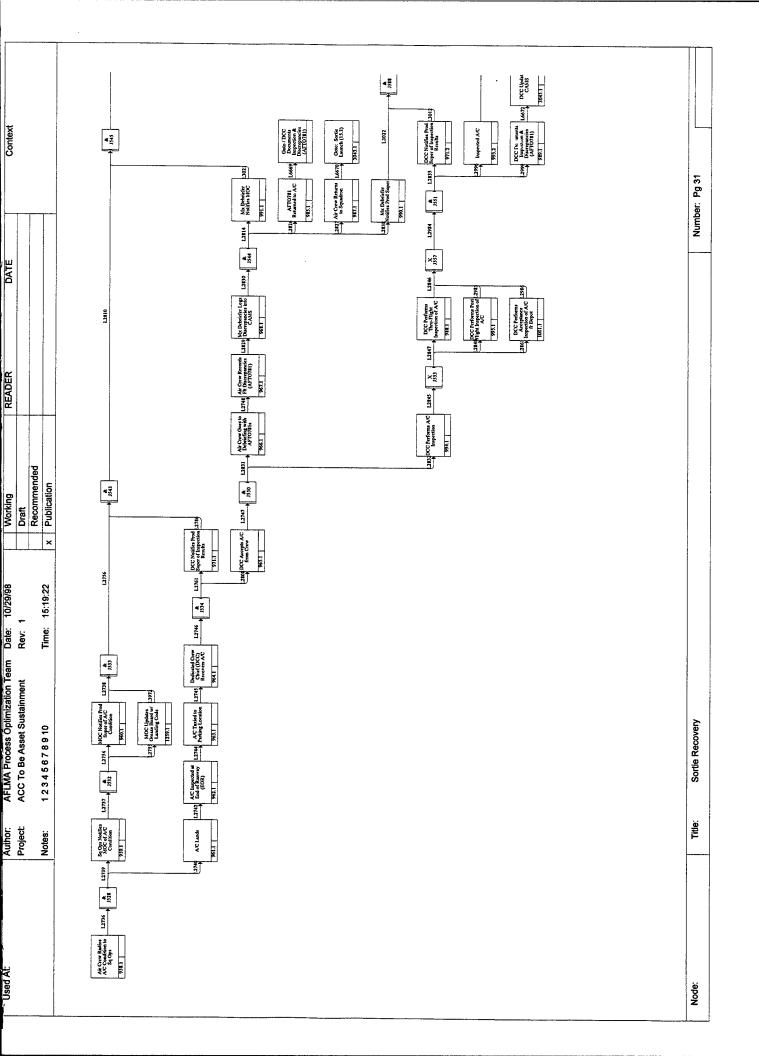
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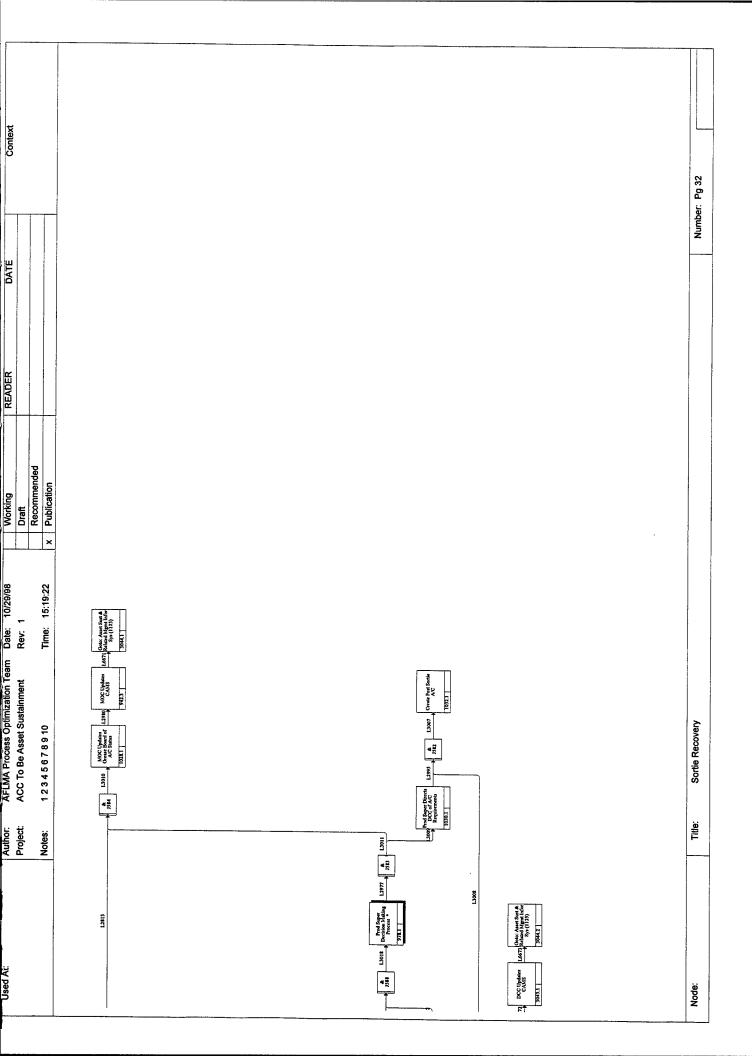
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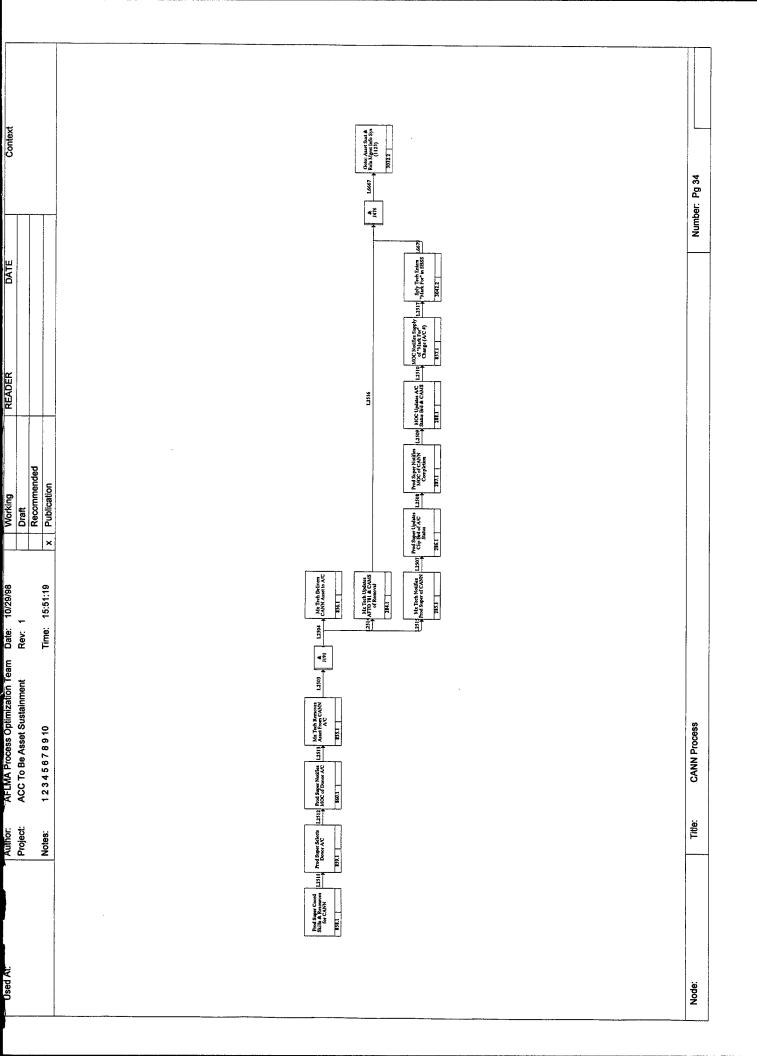
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Process Flow Decomp: Sortie Recovery

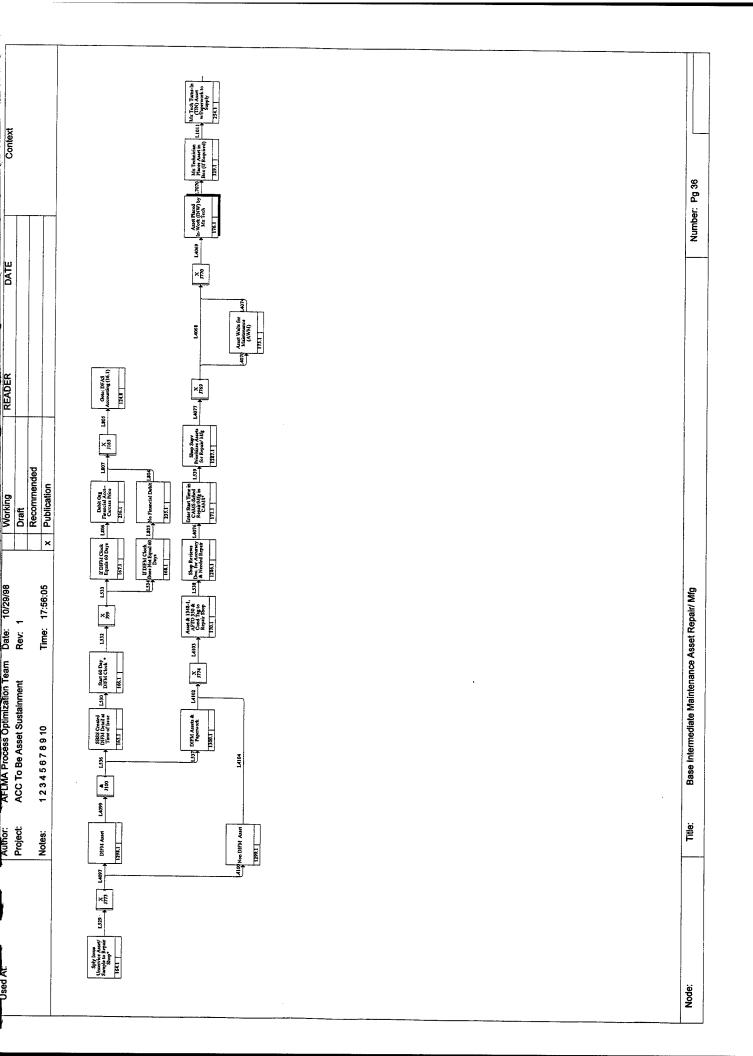




Process Flow Decomp: CANN Process



Process Flow Decomp: Base Intermediate Maintenance Asset Repair/ Mfg

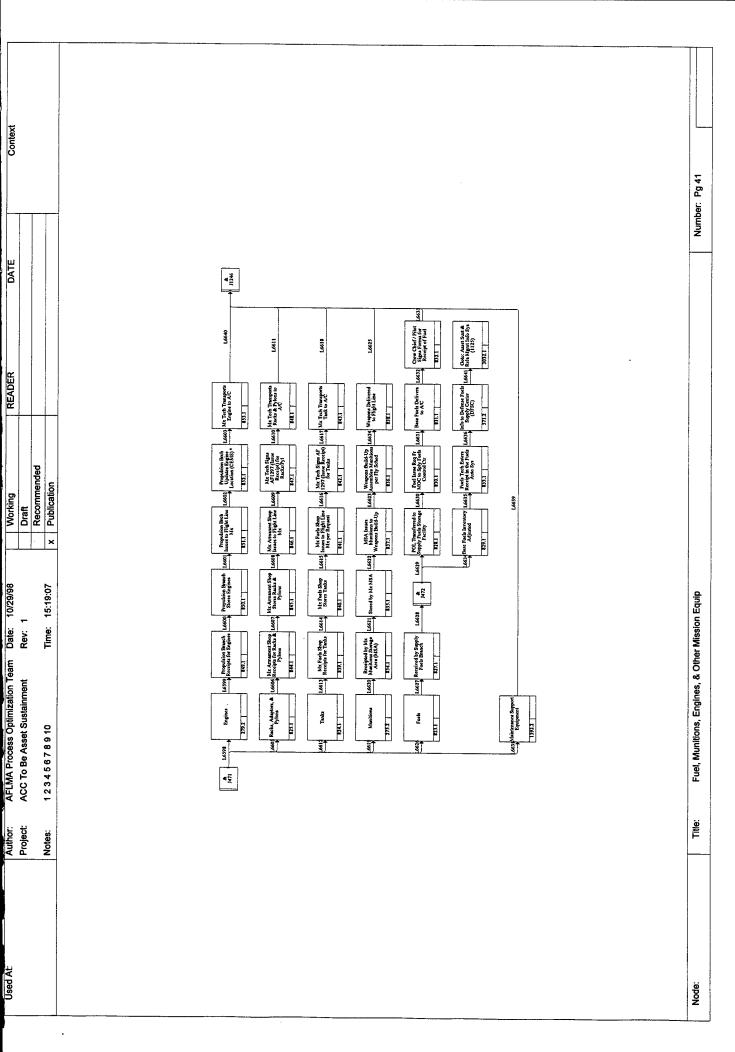


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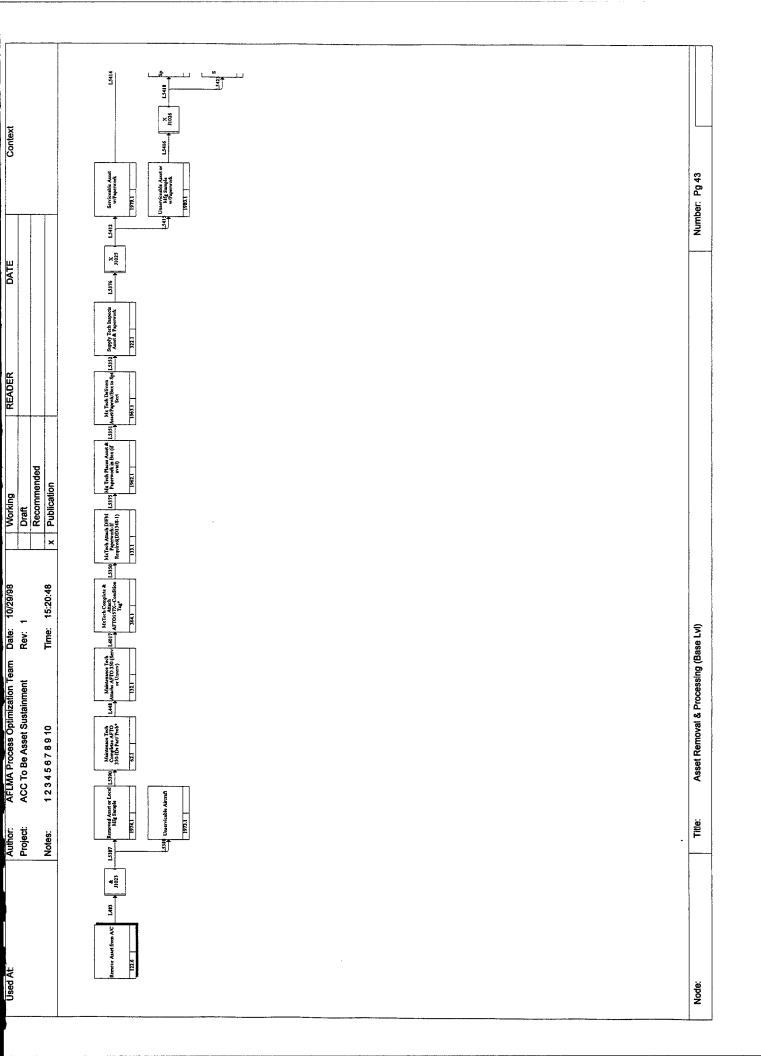
Process Flow Decomp: Lateral Support Base Processing

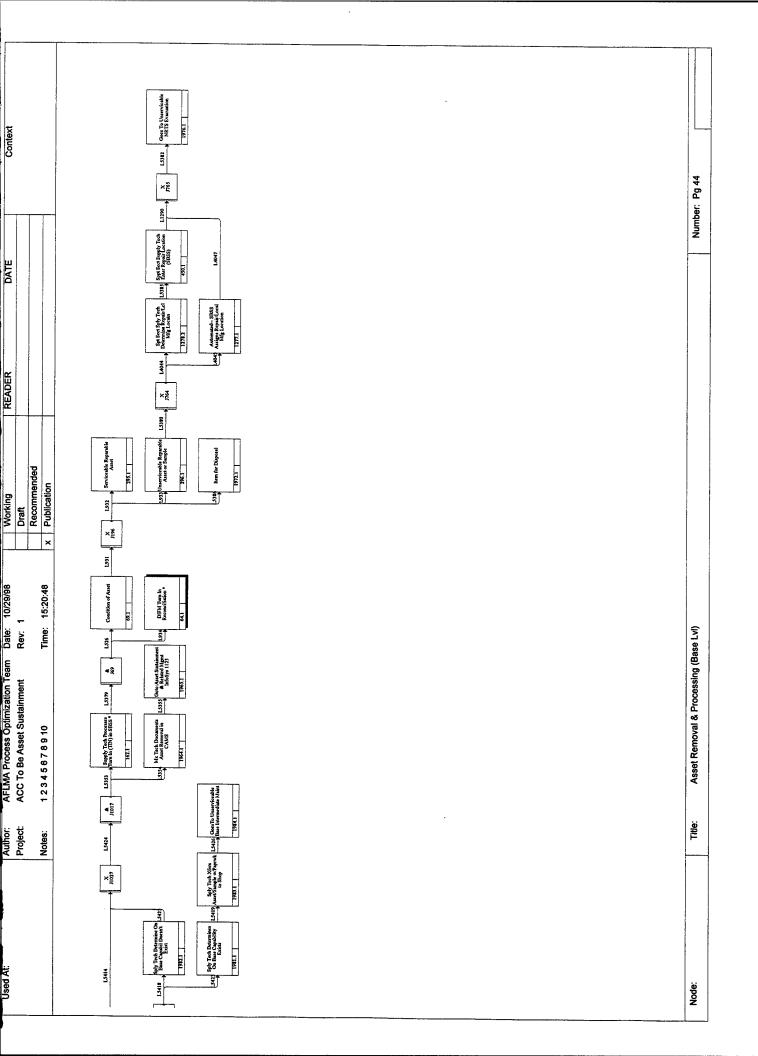
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Process Flow Decomp: Fuel, Munitions, Engines, & Other Mission Equip

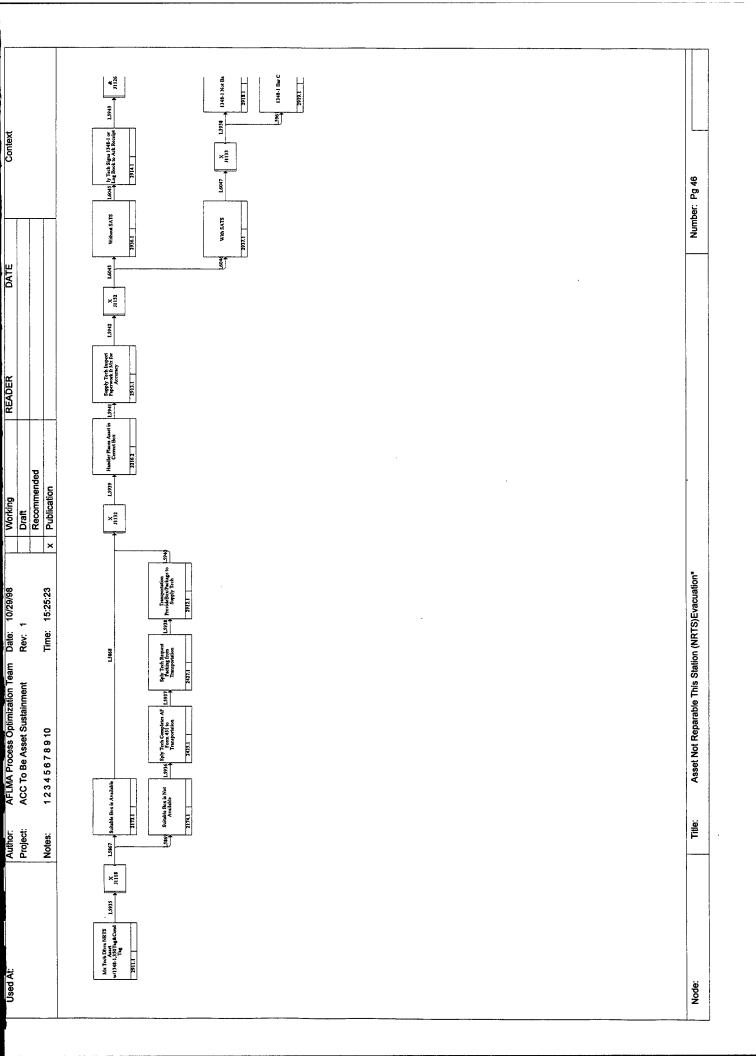


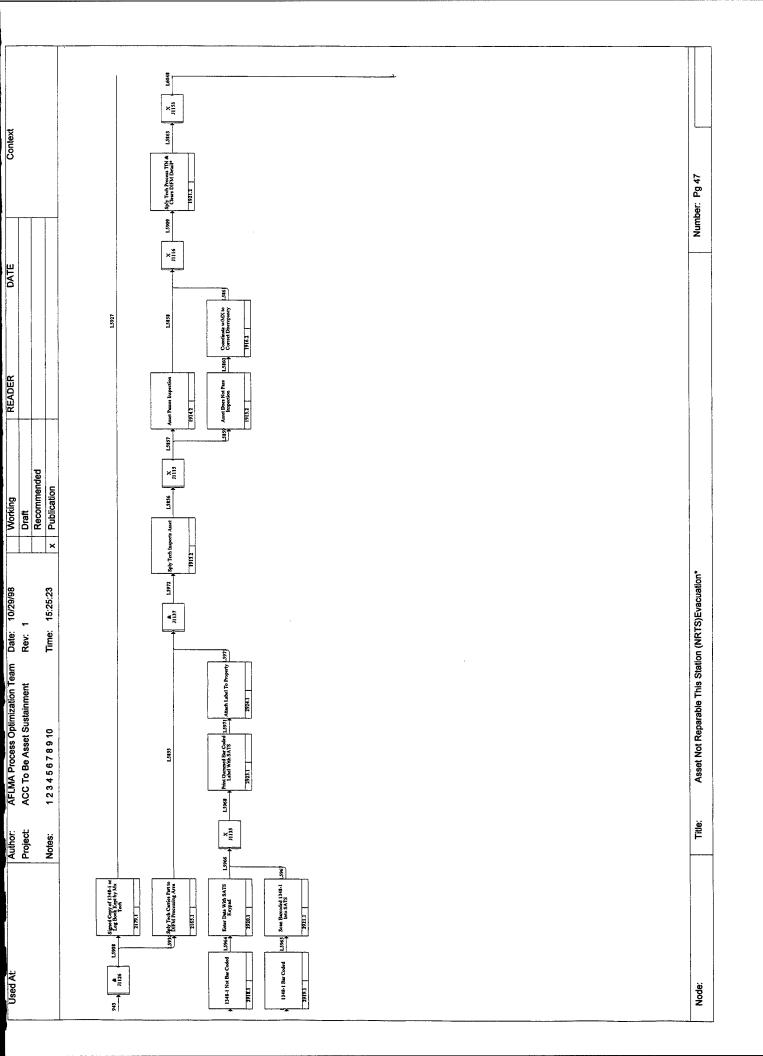
Process Flow Decomp: Asset Removal & Processing (Base Lvl)

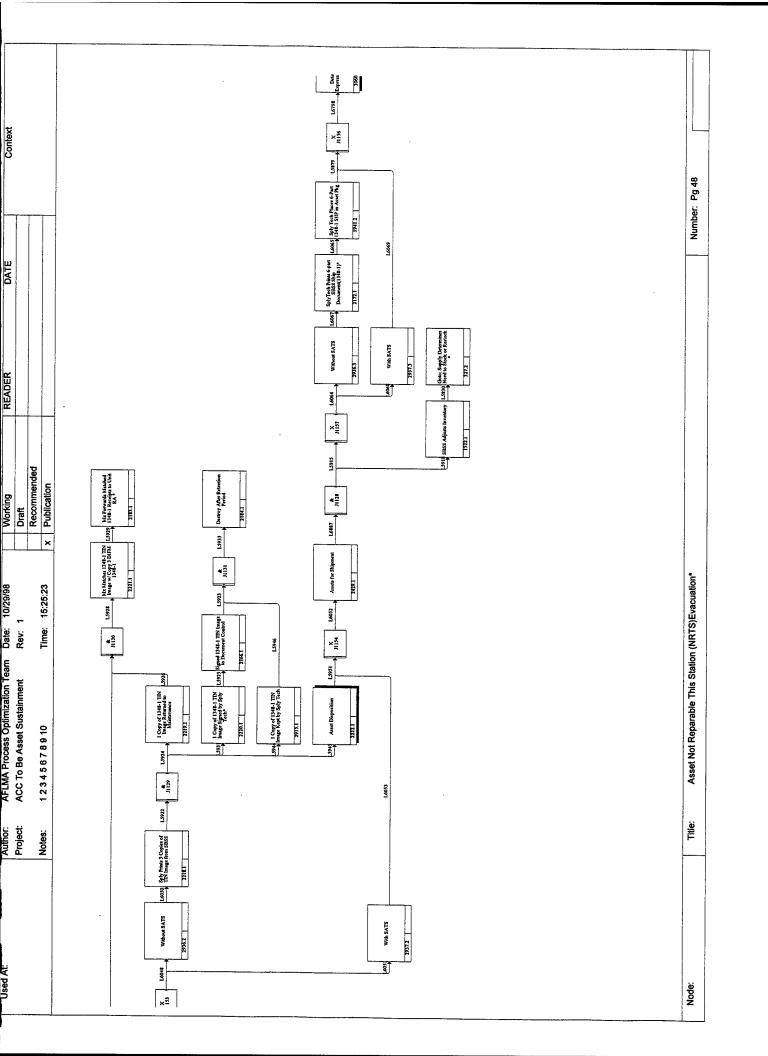




Process Flow Decomp: Asset Not Reparable This Station (NRTS)Evacuation*



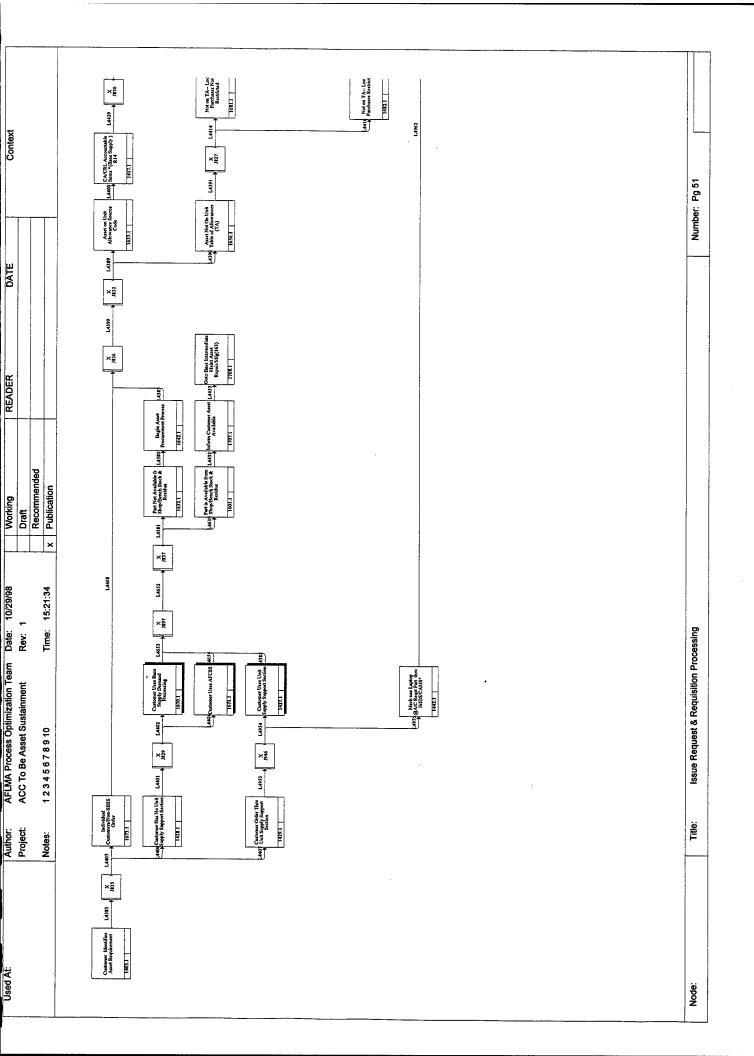


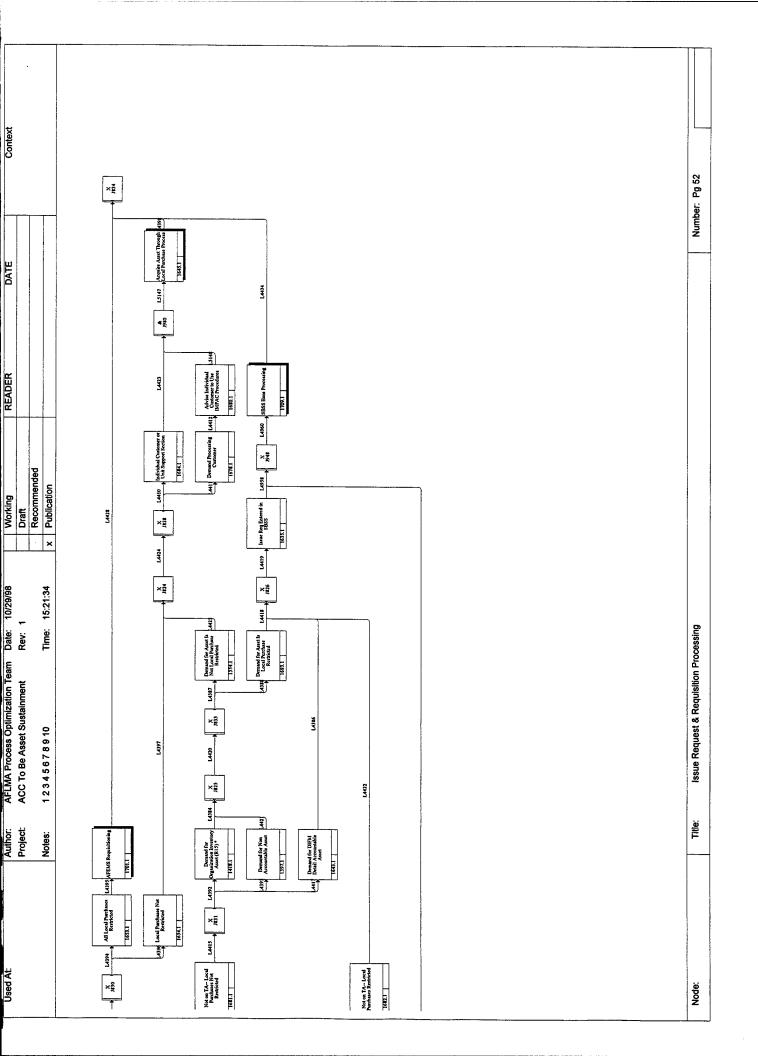


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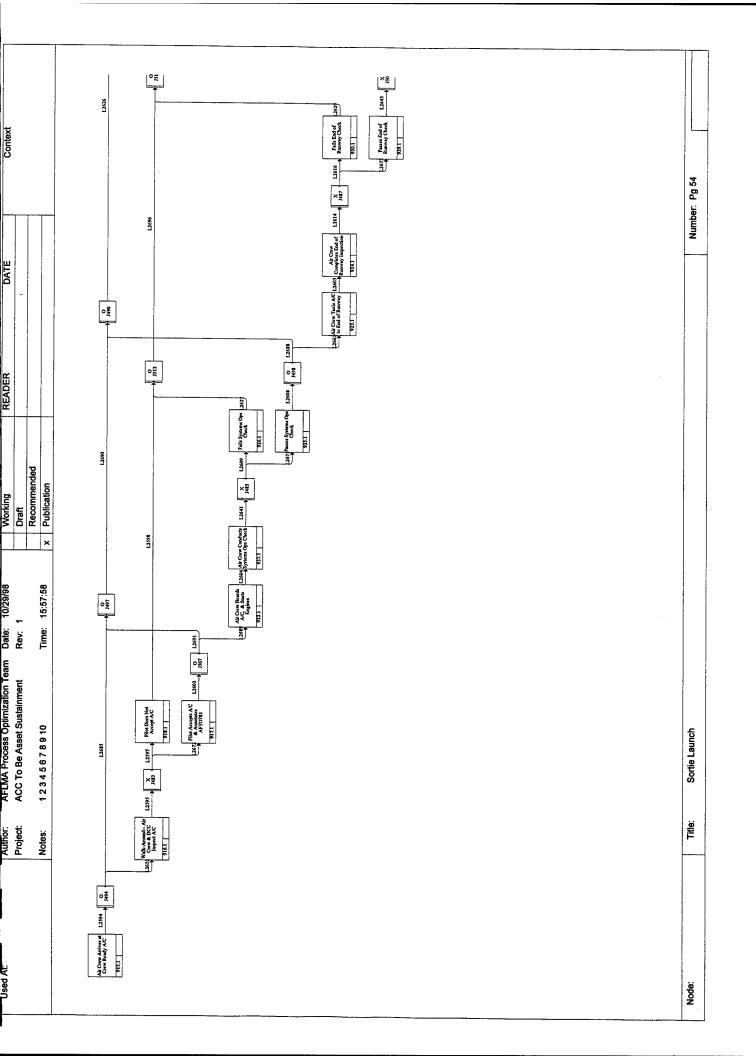
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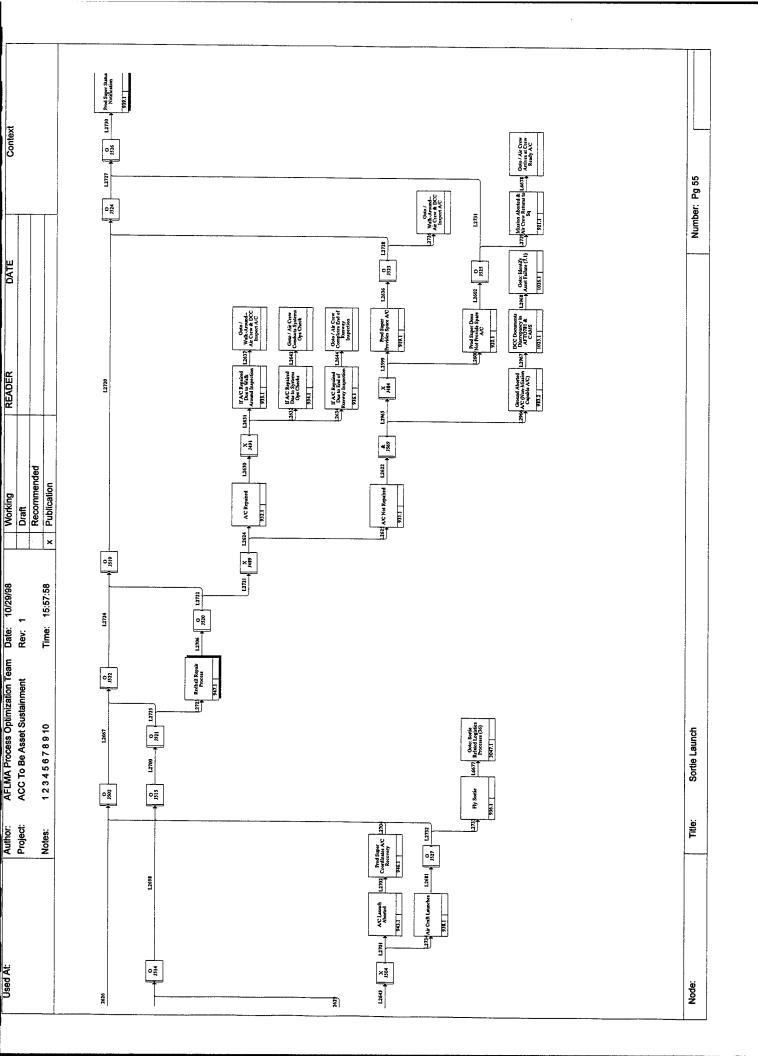
Process Flow Decomp: Issue Request & Requisition Processing





Process Flow Decomp: Sortie Launch





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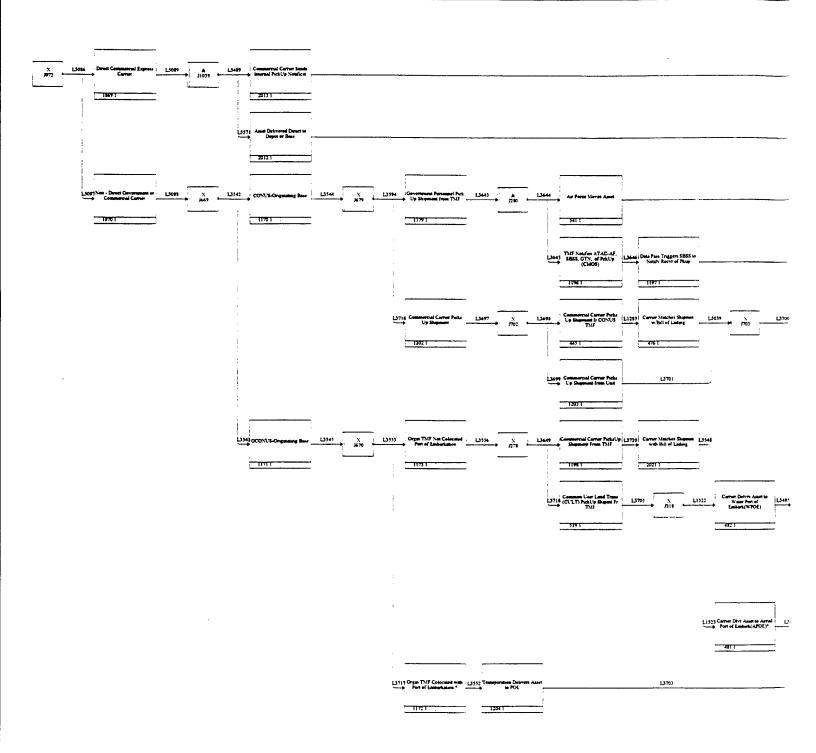
Process Flow Decomp: Asset Movement From Base



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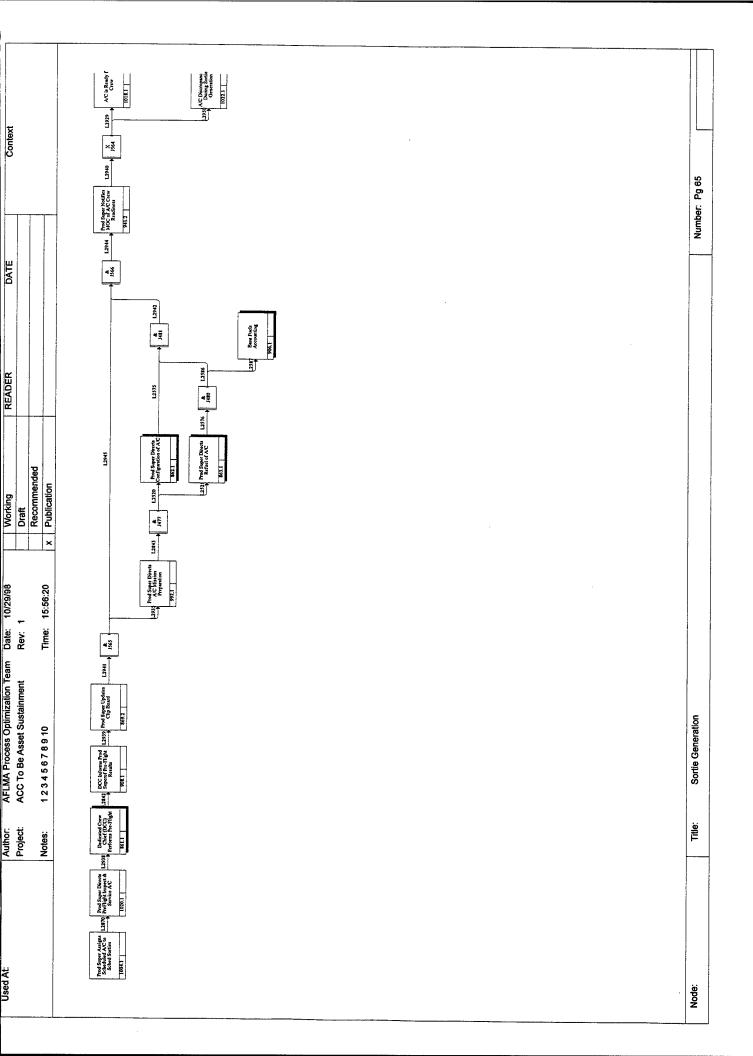
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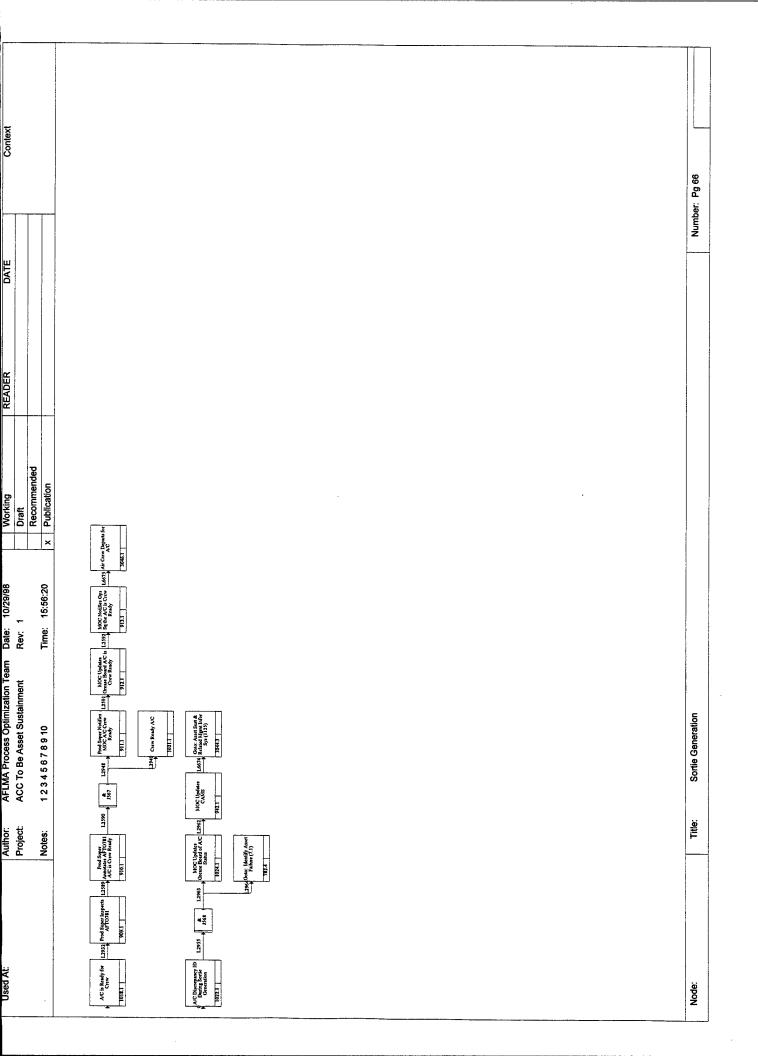
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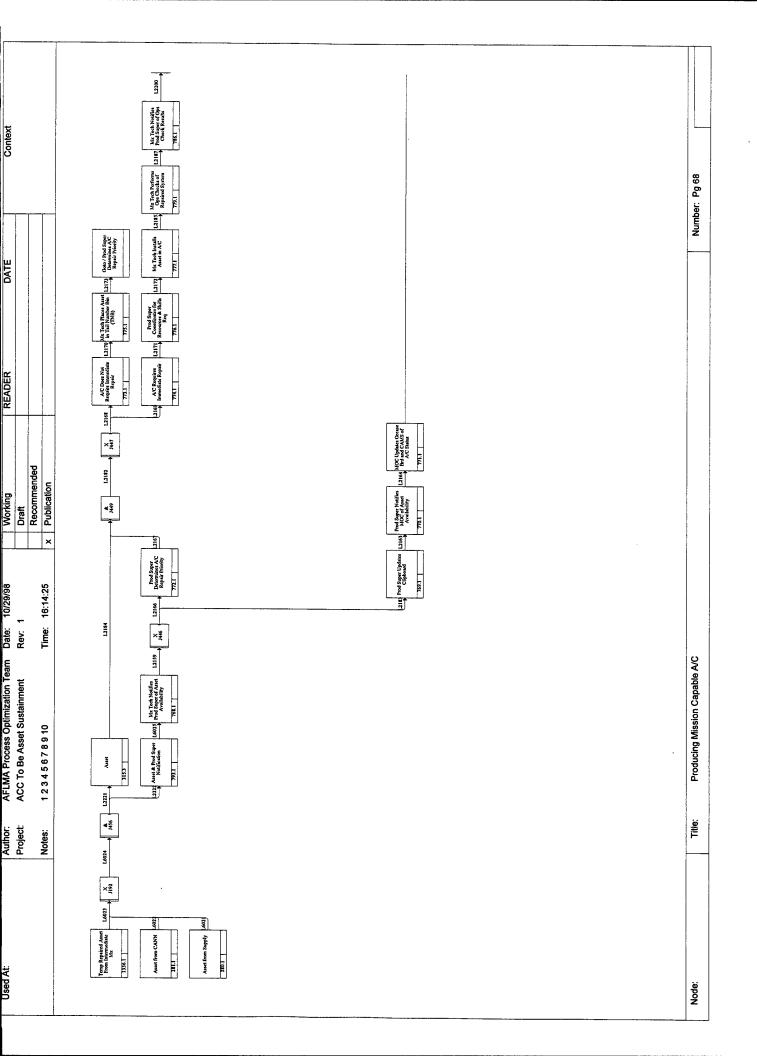
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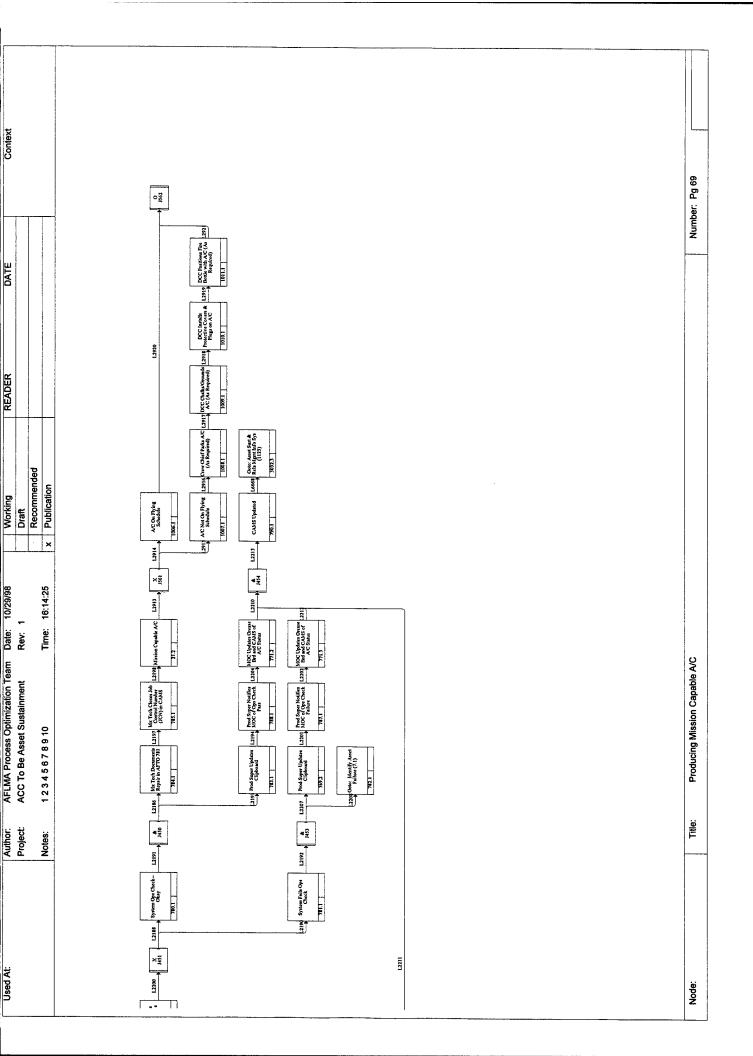
Process Flow Decomp: Sortie Generation





Process Flow Decomp: Producing Mission Capable A/C





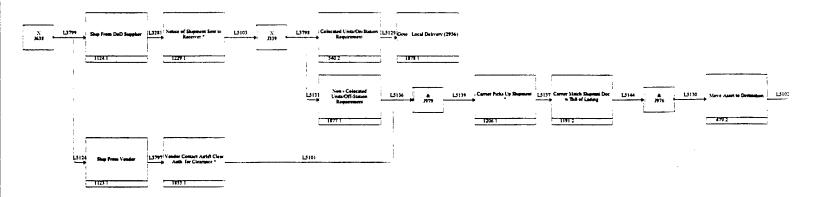
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Process Flow Decomp: Asset Movement to Base

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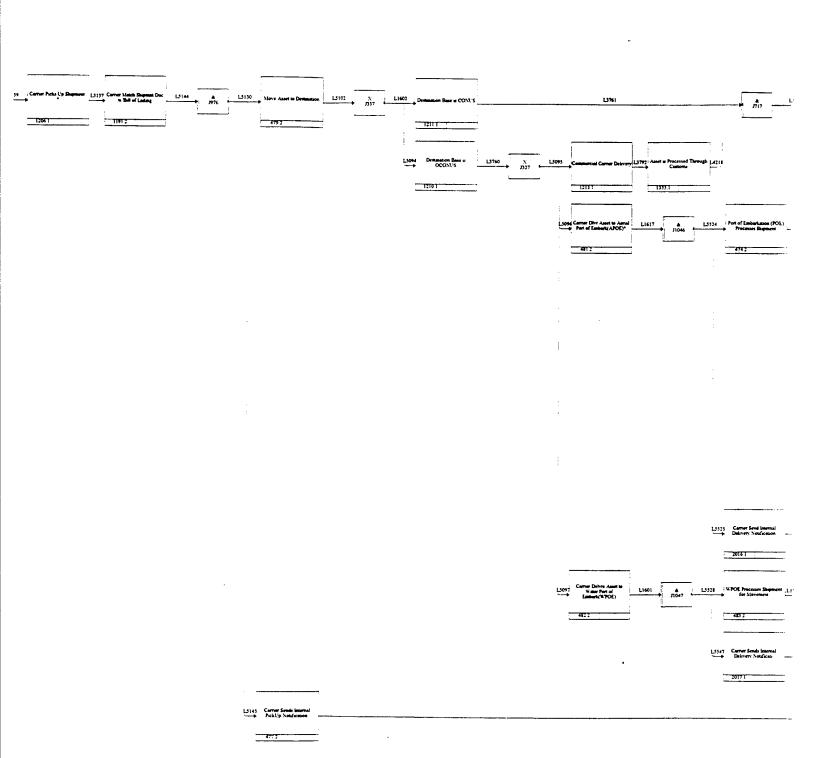
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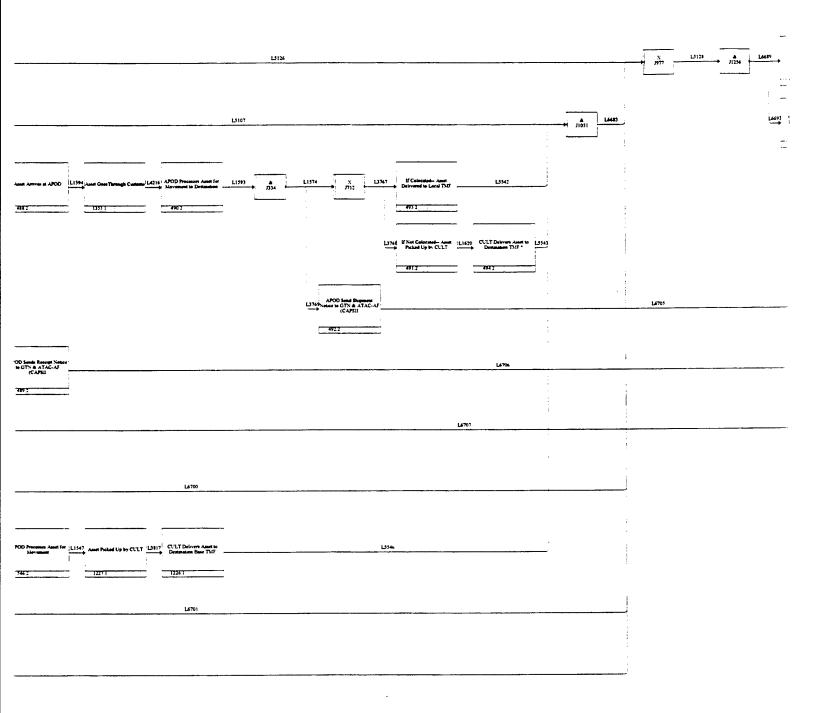
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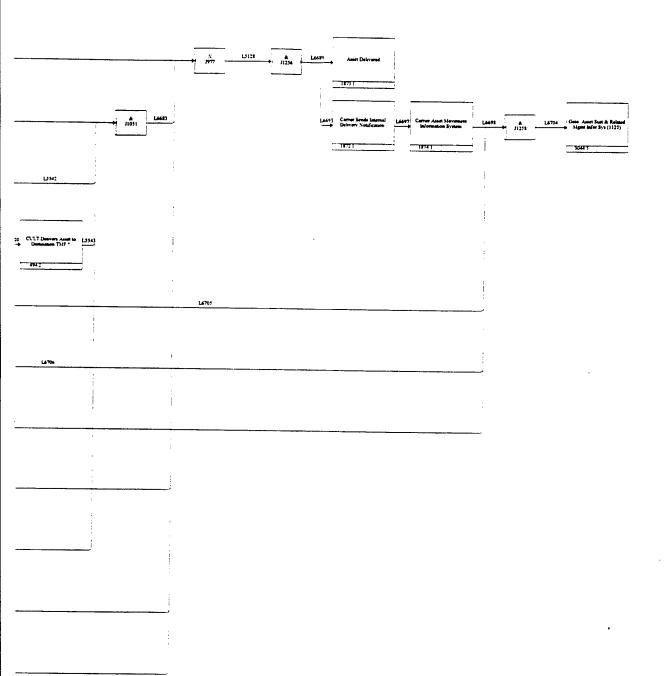


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Process Flow Decomp: Wholesale (Depot or Contract) Processing

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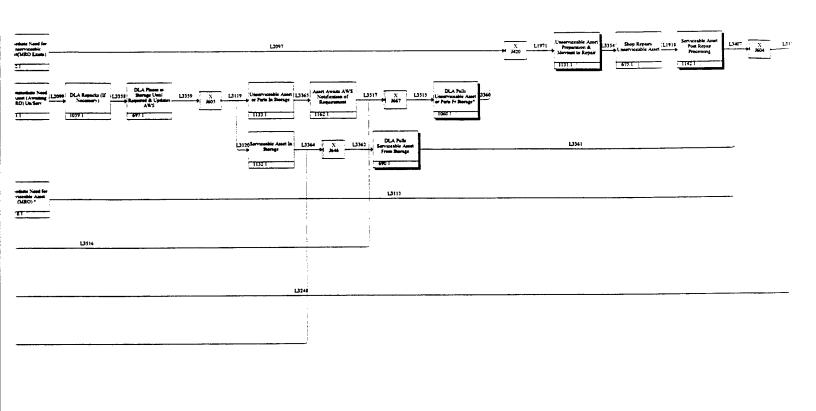
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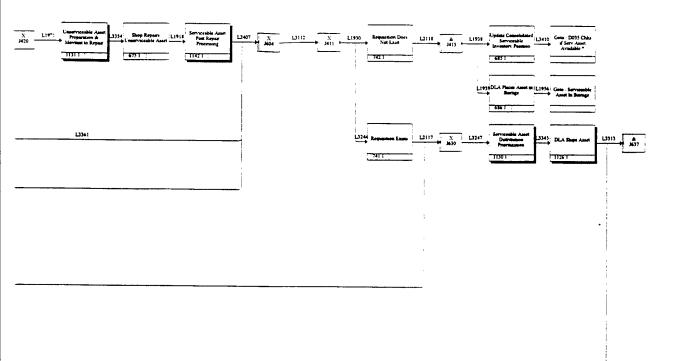
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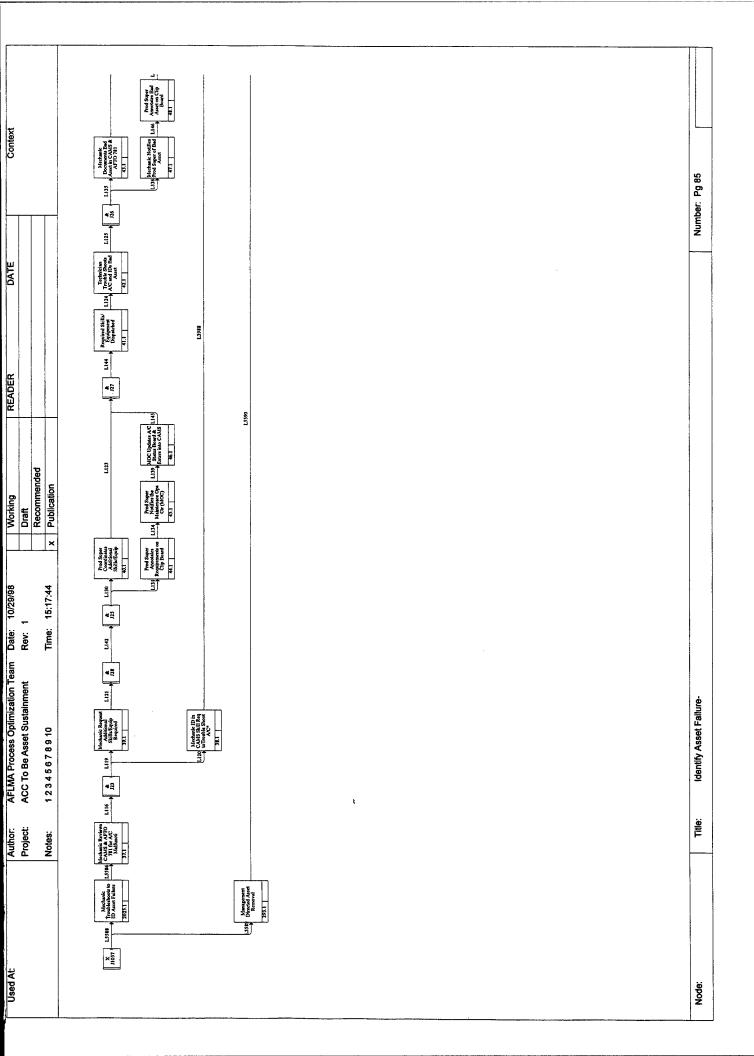


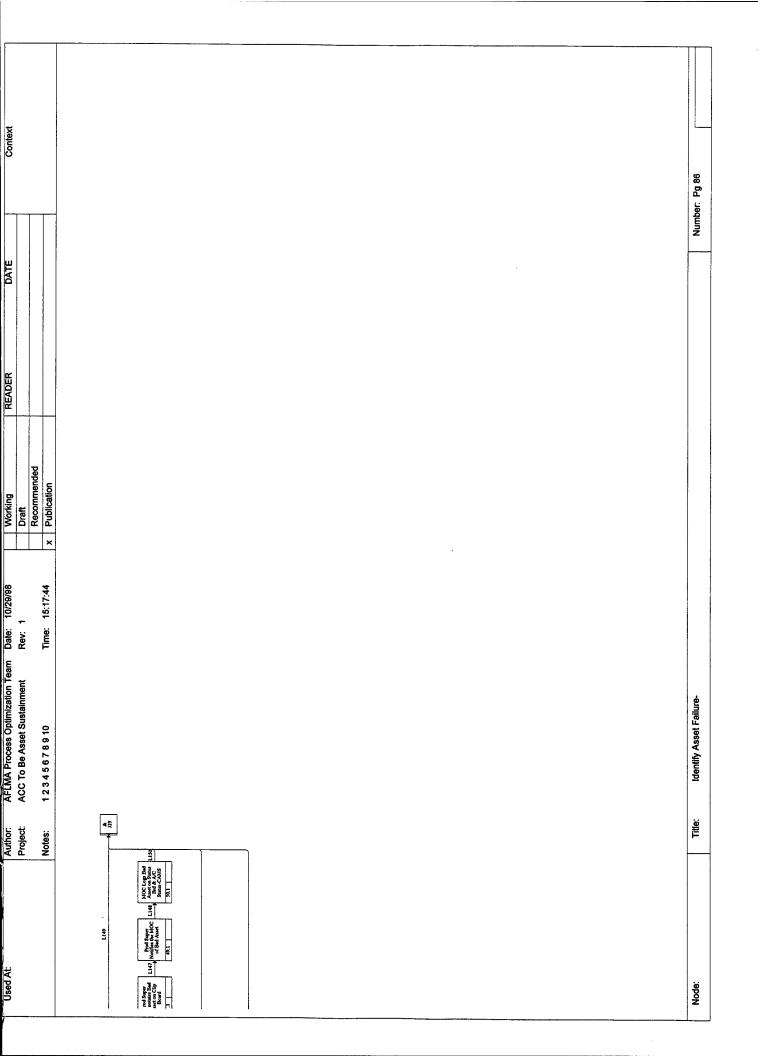
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Process Flow Decomp: Identify Asset Failure-

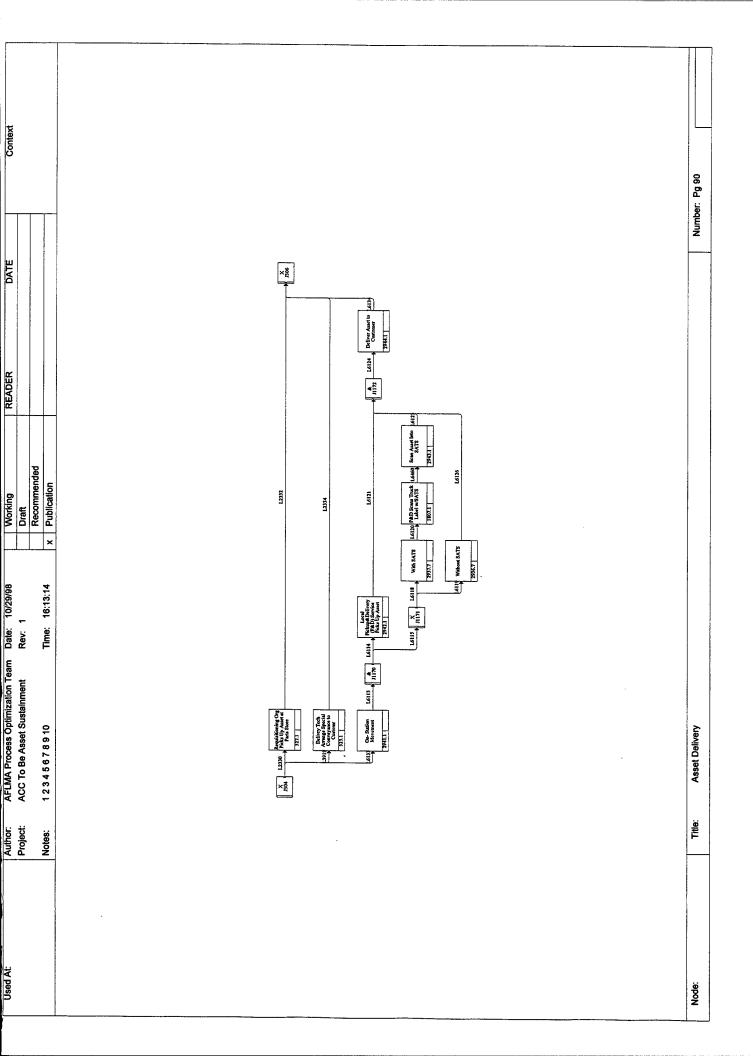




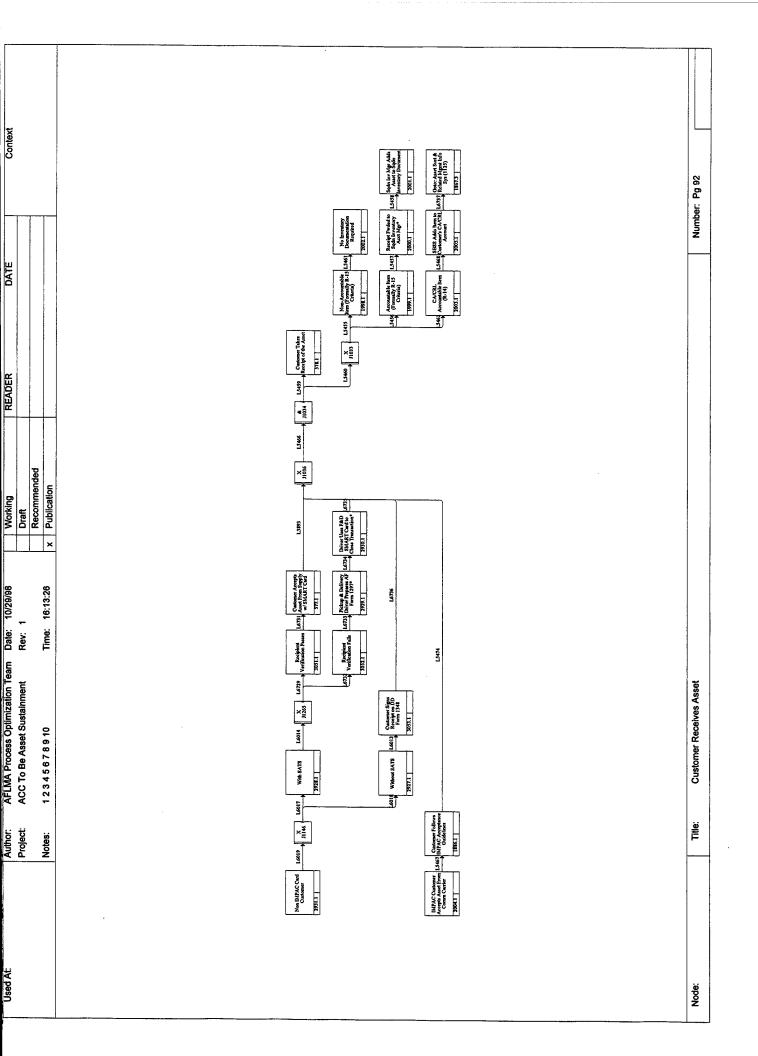
Process Flow Decomp: Non-Sortie Related Logistics Processes

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Process Flow Decomp: Asset Delivery

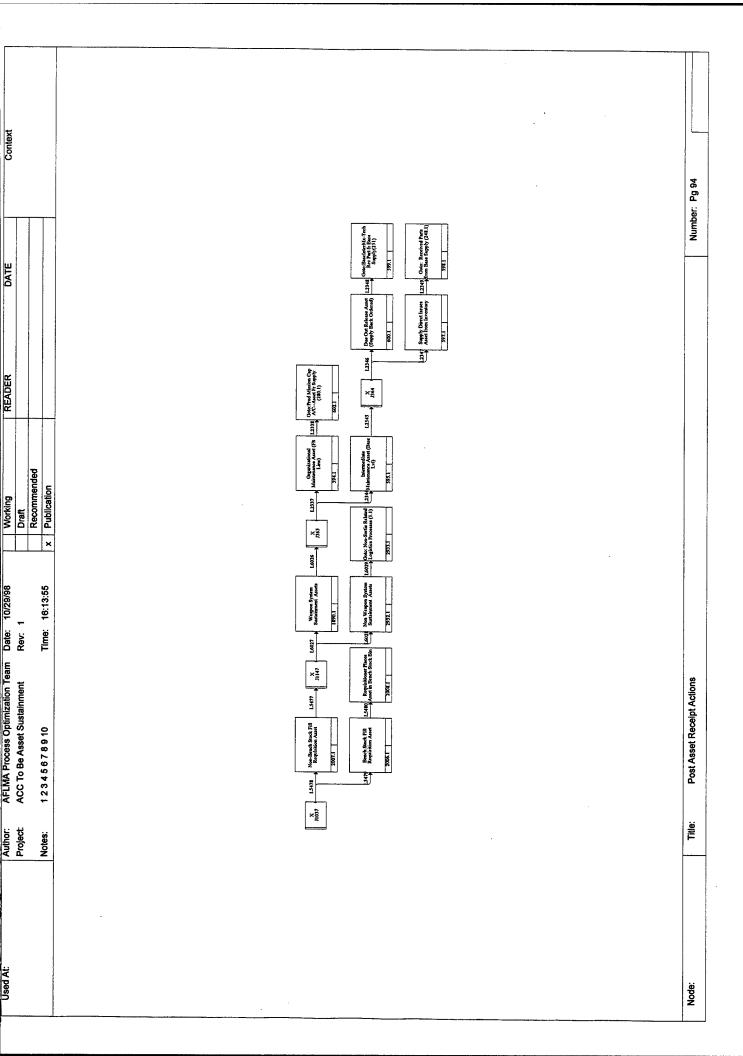


Process Flow Decomp: Customer Receives Asset

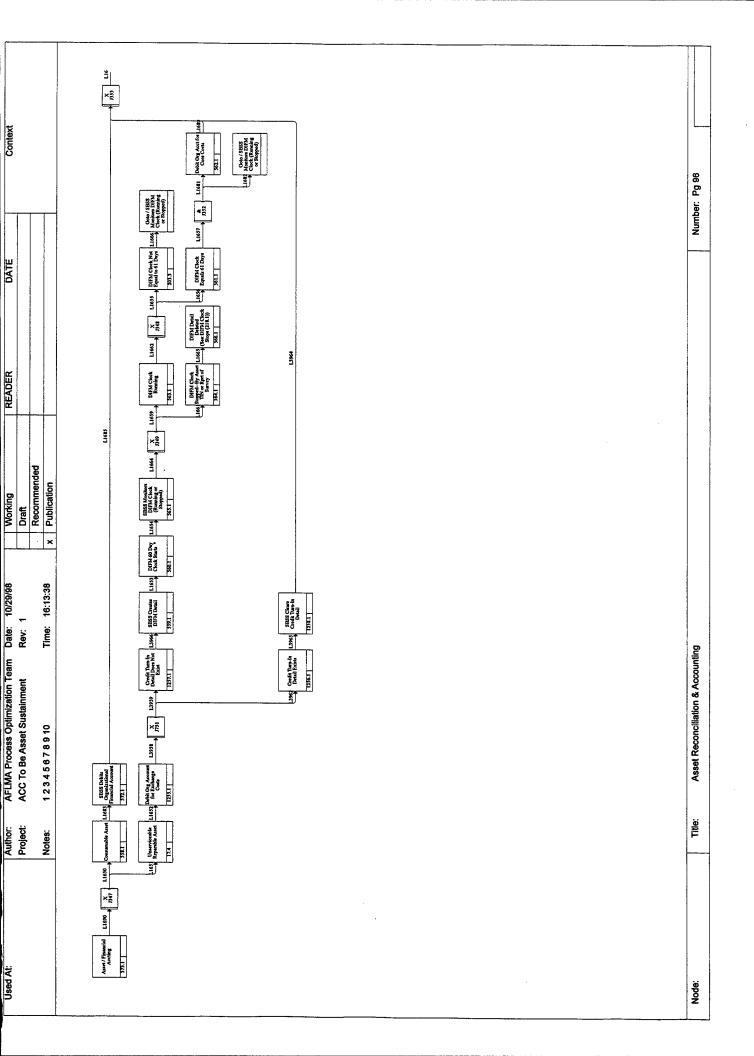


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Process Flow Decomp: Post Asset Receipt Actions

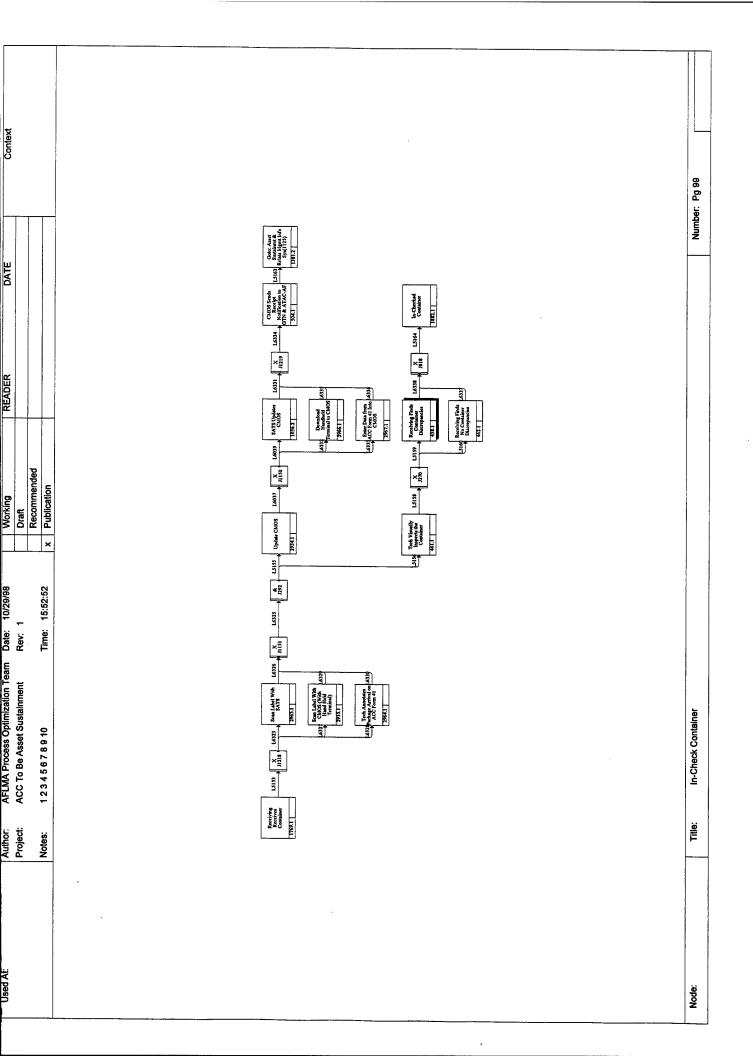


Process Flow Decomp: Asset Reconciliation & Accounting

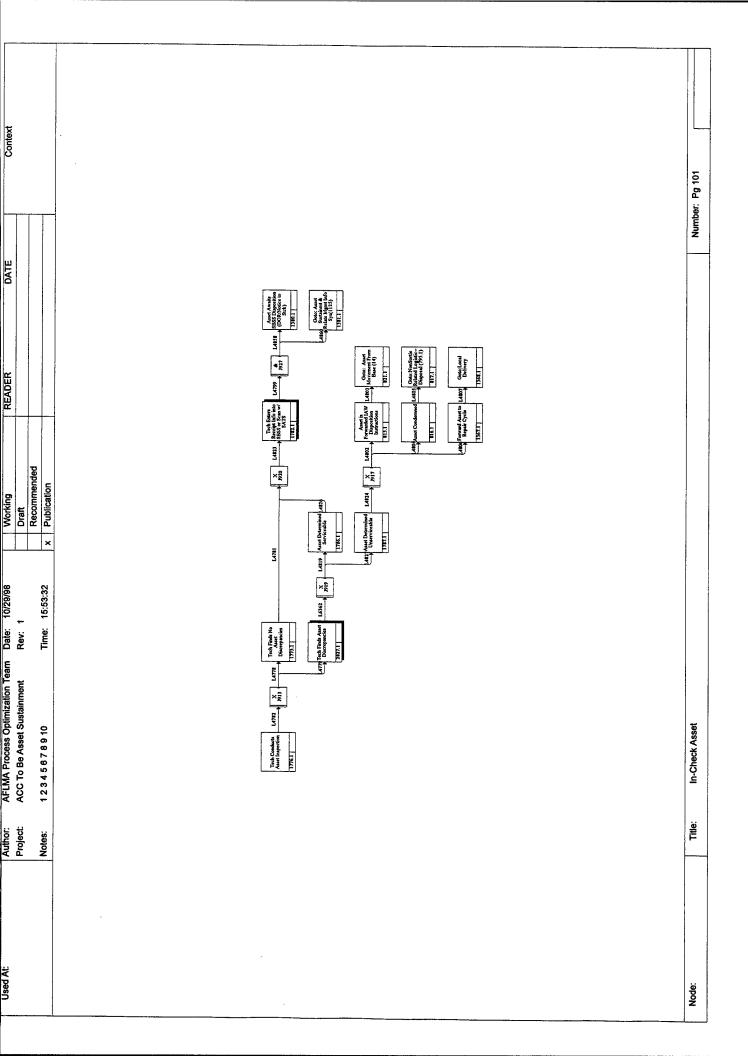


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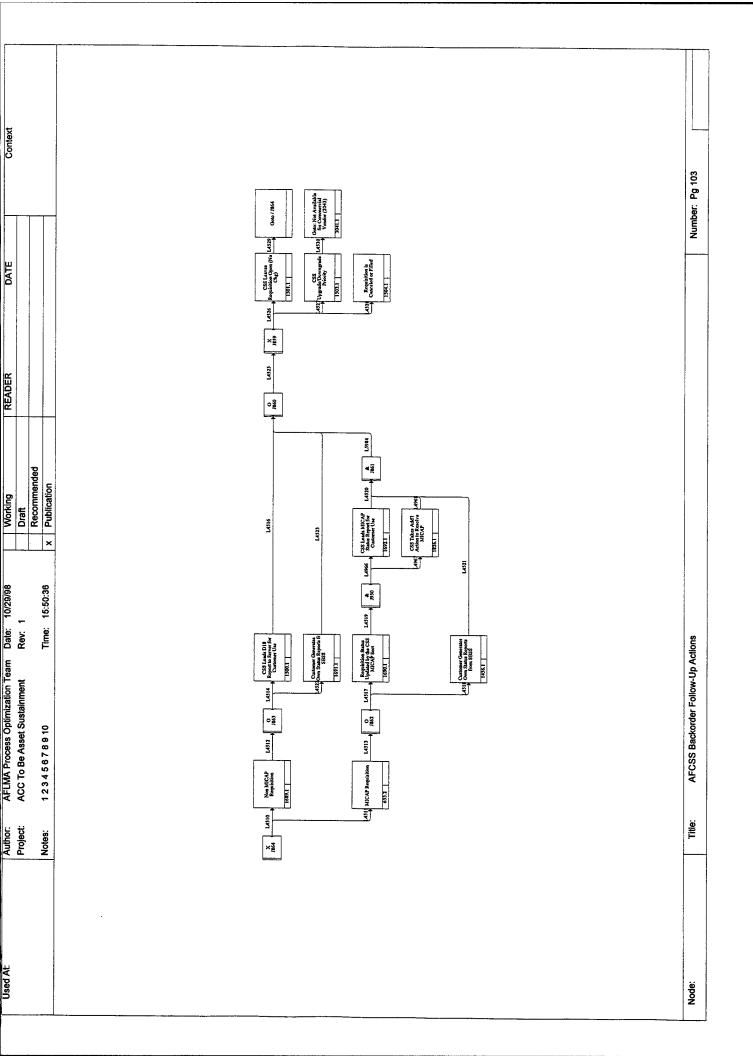
Process Flow Decomp: In-Check Container



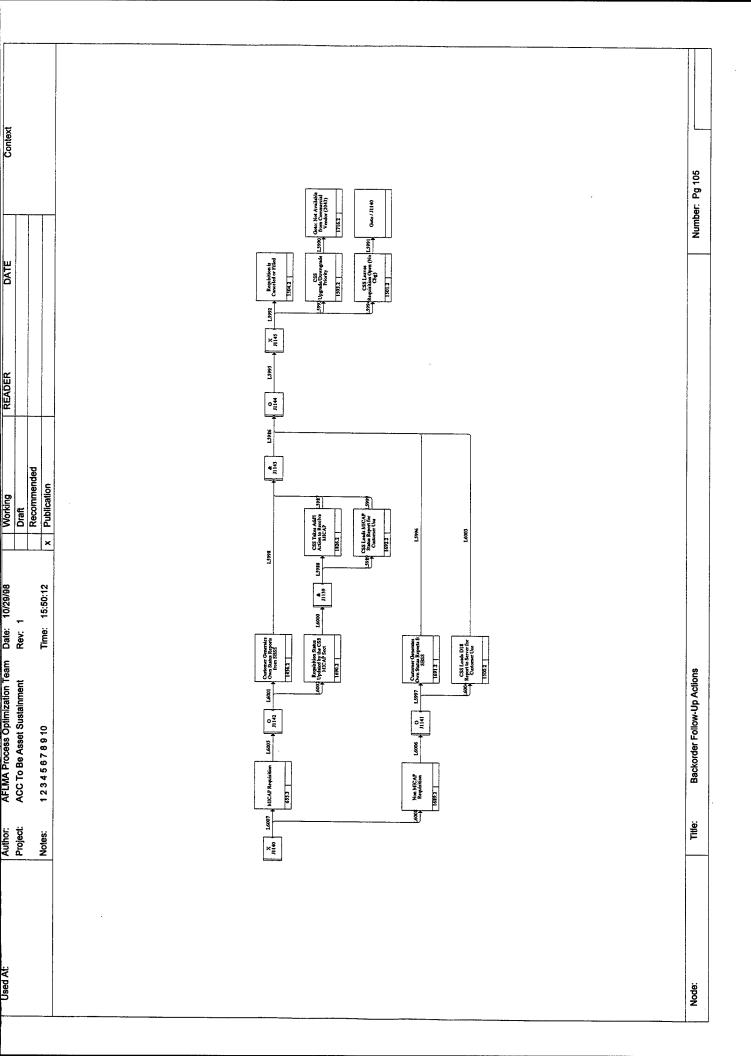
Process Flow Decomp: In-Check Asset



Process Flow Decomp: AFCSS Backorder Follow-Up Actions



Process Flow Decomp: Backorder Follow-Up Actions



Process Flow Decomp: DAAS Routing

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Process Flow Decomp: Prod Super Decision Making Process

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Process Flow Decomp: Asset Placed In-Work (INW) by Mx Tech

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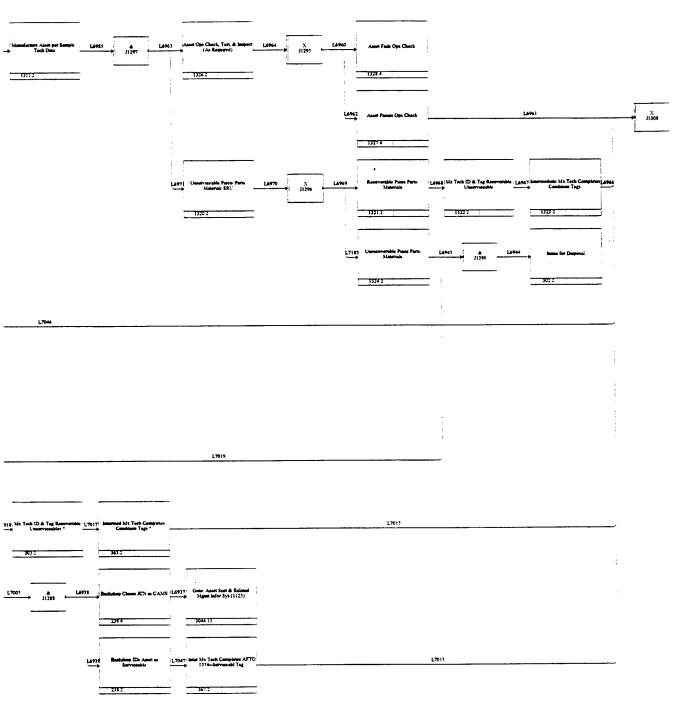
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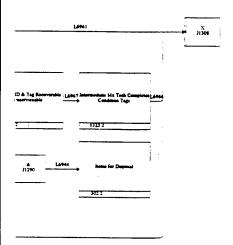
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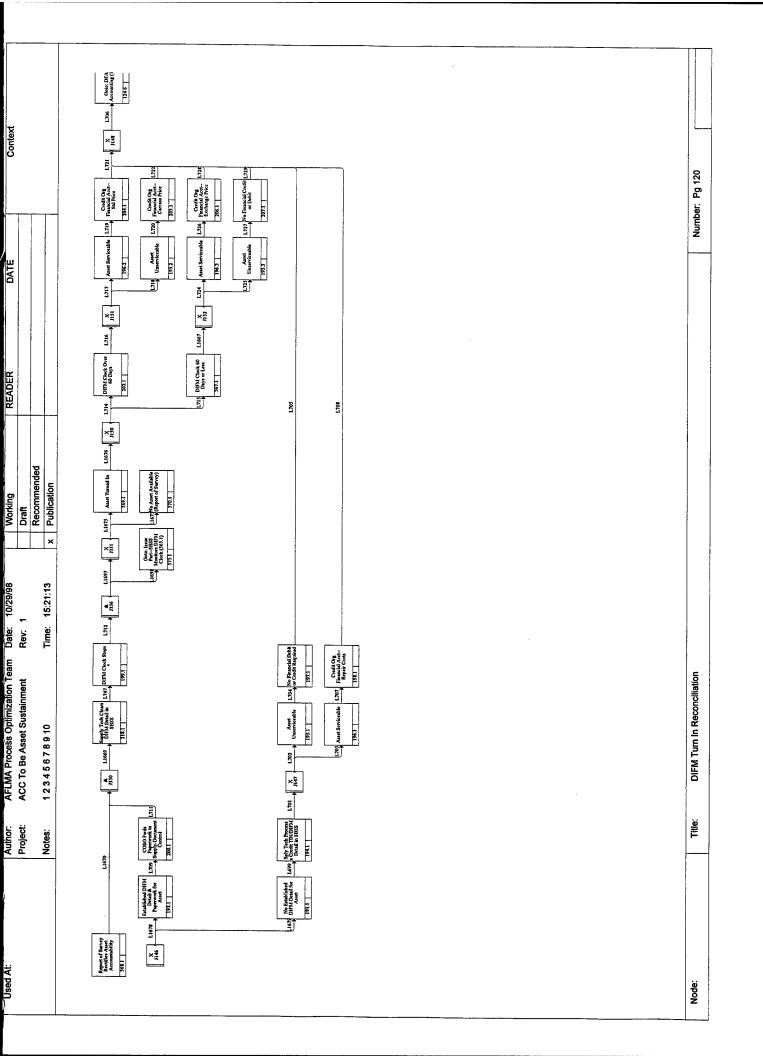


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Process Flow Decomp: Remove Asset from A/C

Process Flow Decomp: DIFM Turn In Reconciliation



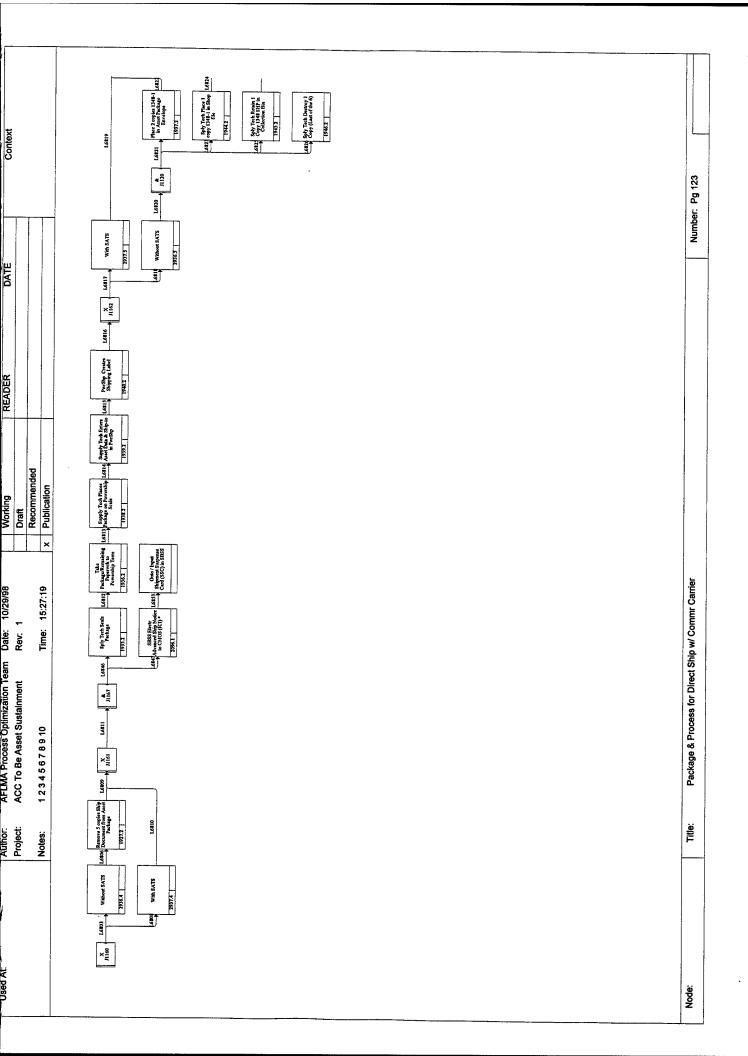
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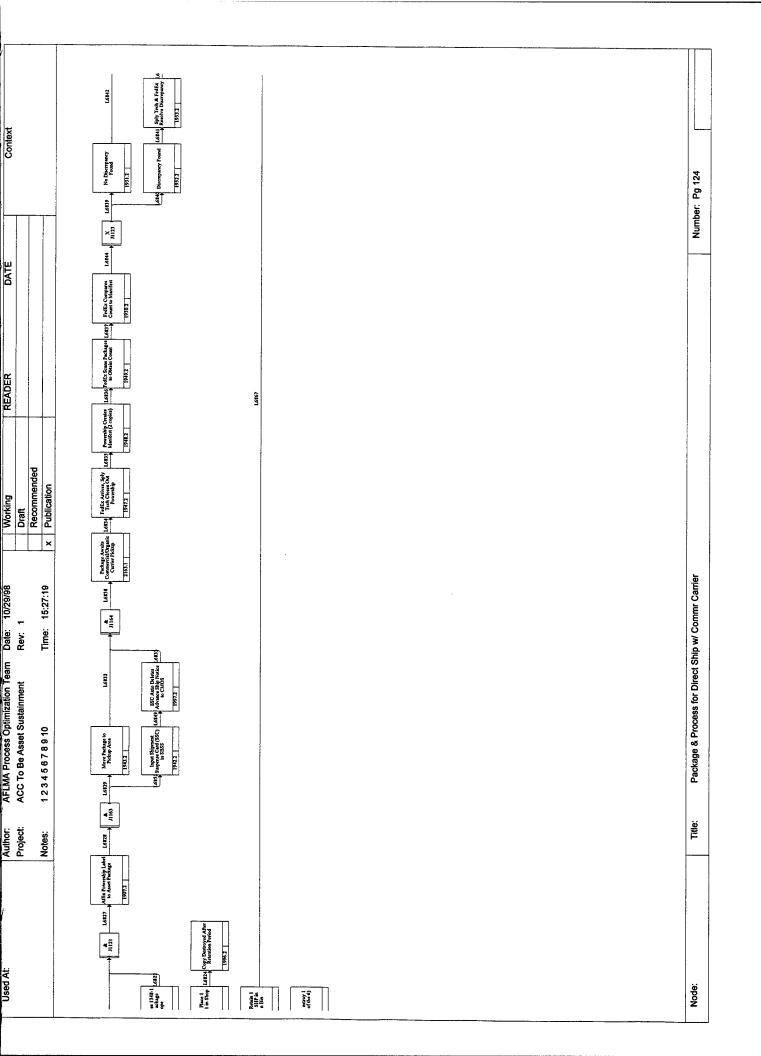
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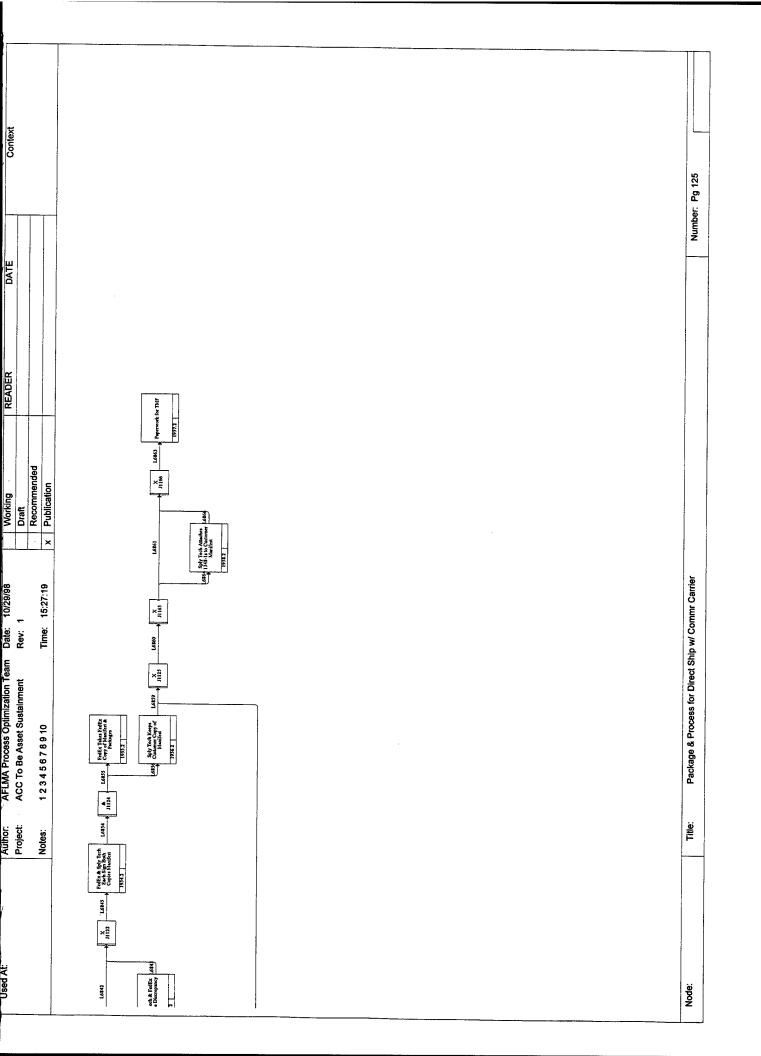
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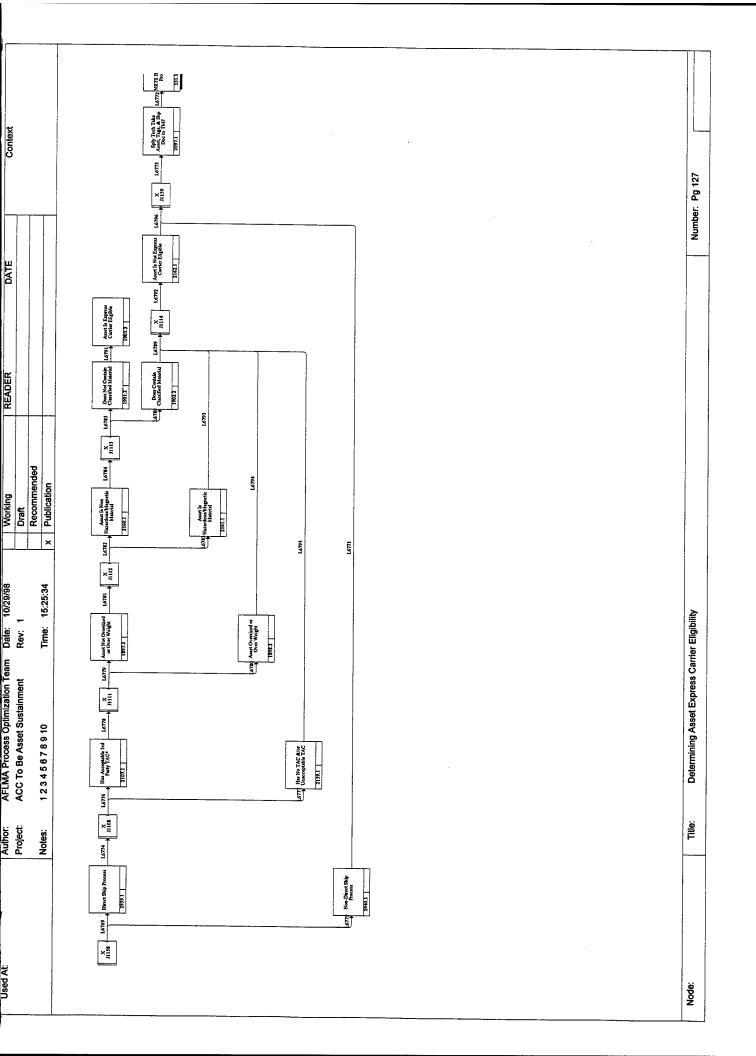
Process Flow Decomp: Package & Process for Direct Ship w/ Commr Carrier







Process Flow Decomp: Determining Asset Express Carrier Eligibility



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Process Flow Decomp: Asset Disposition

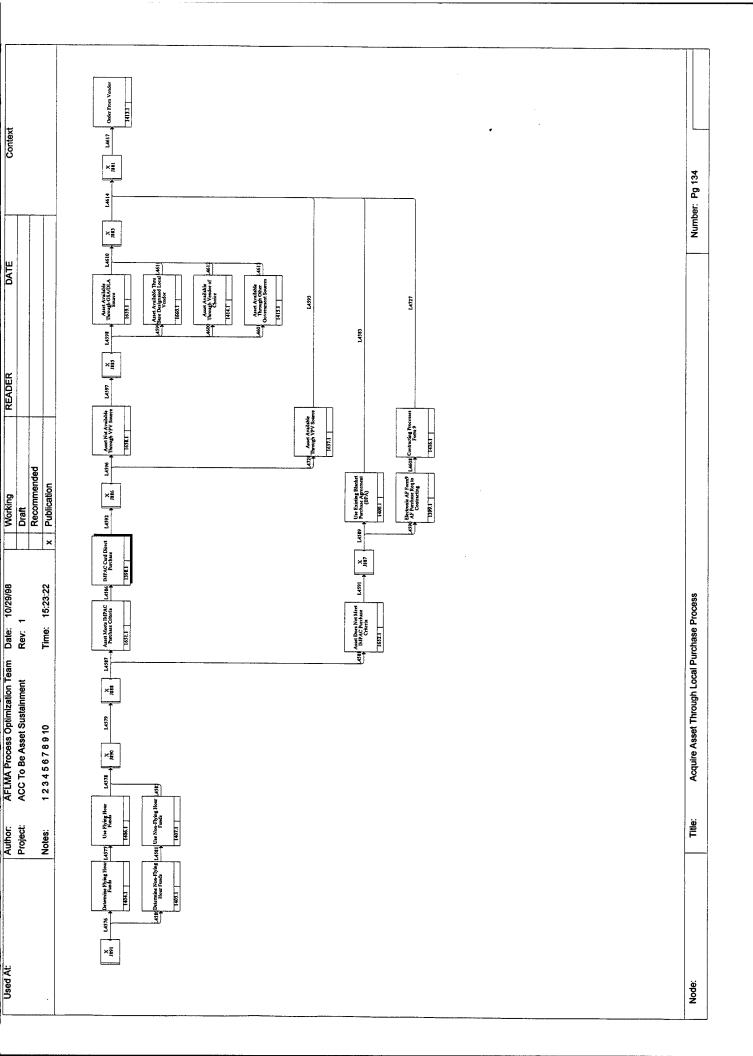
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Process Flow Decomp: Customer Uses Unit Supply Support Section

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Process Flow Decomp: Acquire Asset Through Local Purchase Process



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Process Flow Decomp: Customer Uses Base Supply Demand Processing

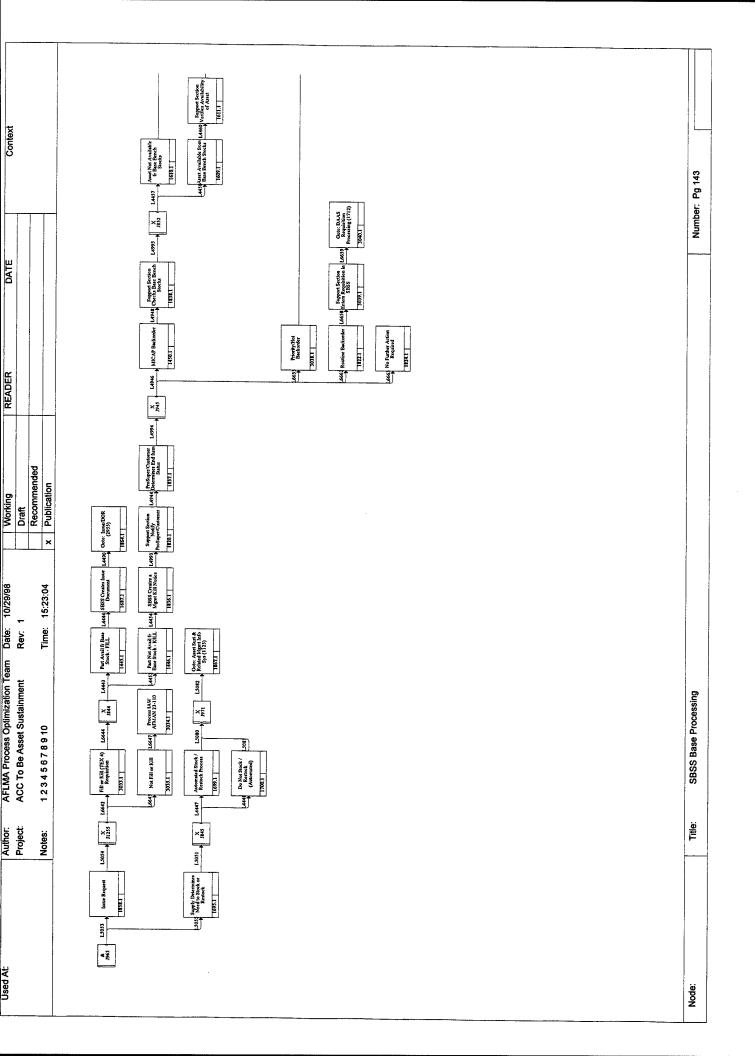
Process Flow Decomp: Customer Uses AFCSS

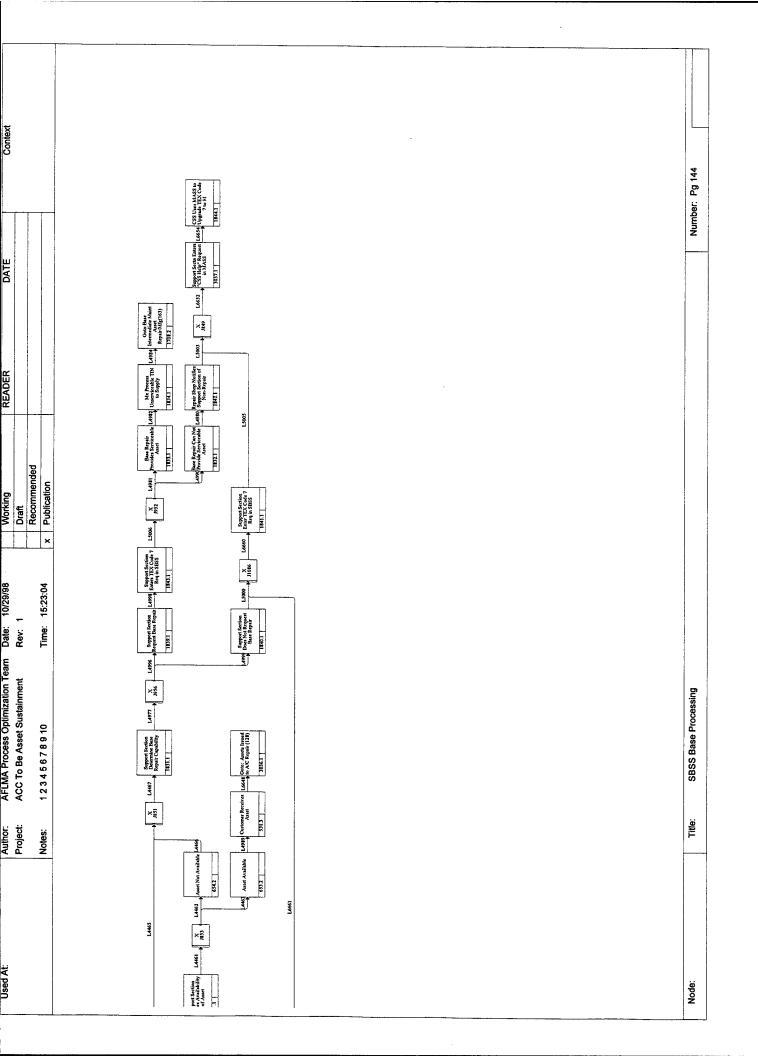
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Process Flow Decomp: AFEMS Requisitioning

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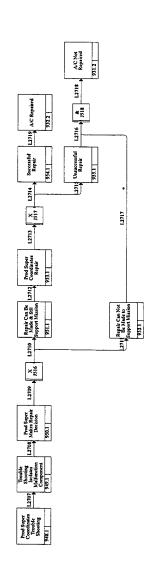
Process Flow Decomp: SBSS Base Processing





Process Flow Decomp: Redball Repair Process

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Redball Repair Process

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Process Flow Decomp: Prod Super Status Notification

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Process Flow Decomp: Base Fuels Accounting

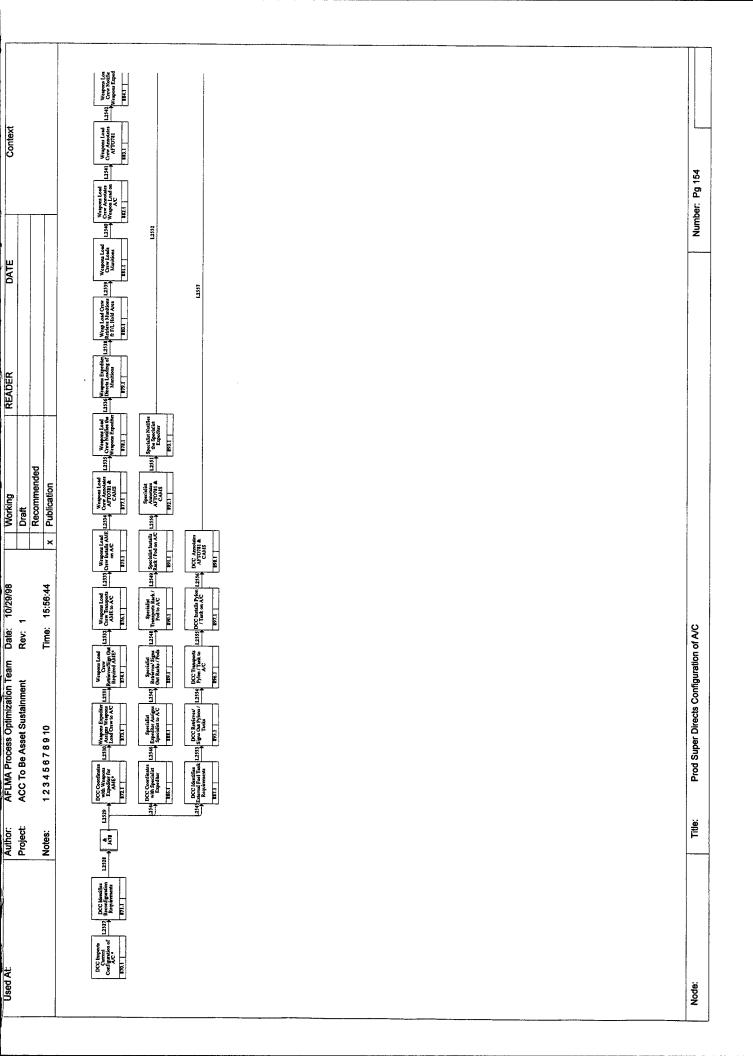
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Process Flow Decomp: Prod Super Directs Refuel of A/C

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Process Flow Decomp: Prod Super Directs Configuration of A/C



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Process Flow Decomp: Dedicated Crew Chief (DCC) Performs Pre-Flight

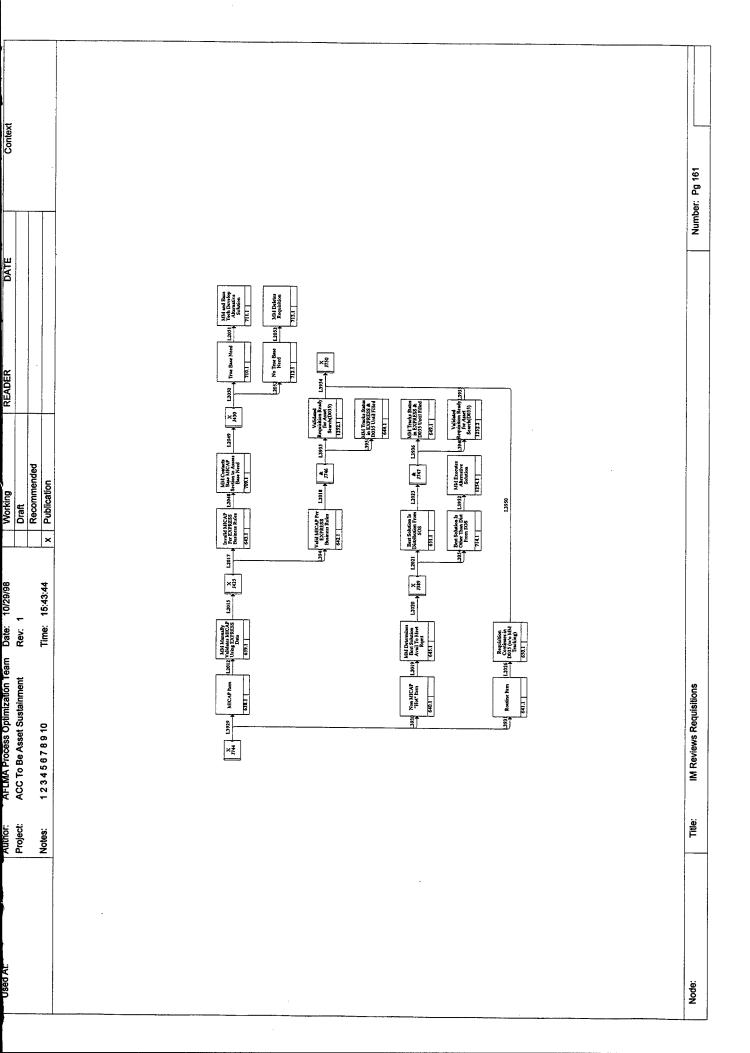
Process Flow Decomp: SSC Repair Planning & D035K / AWS Update

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Process Flow Decomp: IM Reviews Requisitions



Process Flow Decomp: Receive Requisition

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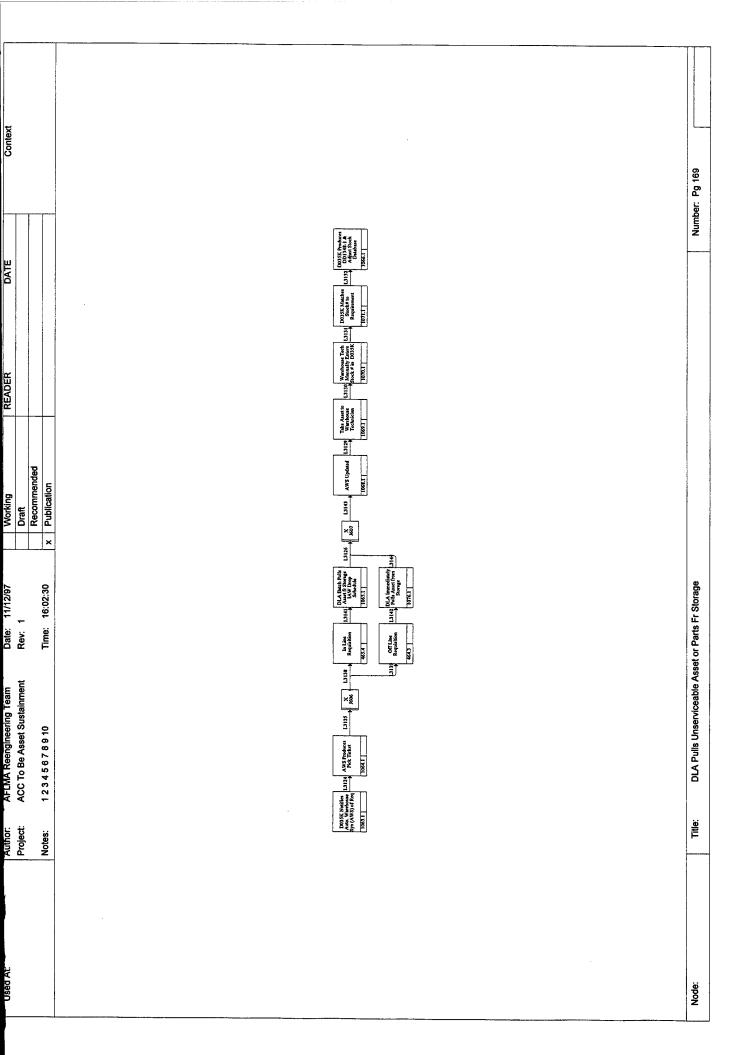
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Process Flow Decomp: Serviceable Asset Post Repair Processing

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Process Flow Decomp: DLA Pulls Unserviceable Asset or Parts Fr Storage

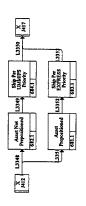


Process Flow Decomp: Unserviceable Asset Preparation & Movmnt to Repair

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Process Flow Decomp: Serviceable Asset Distribution Prioritization

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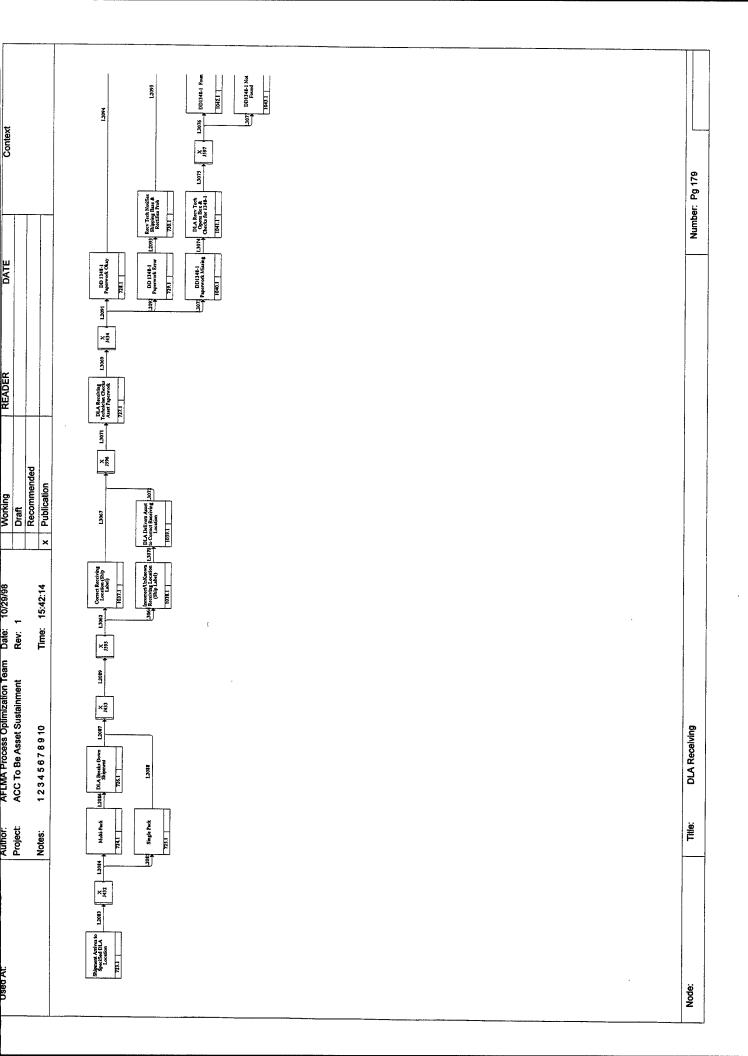
Process Flow Decomp: DLA Ships Asset

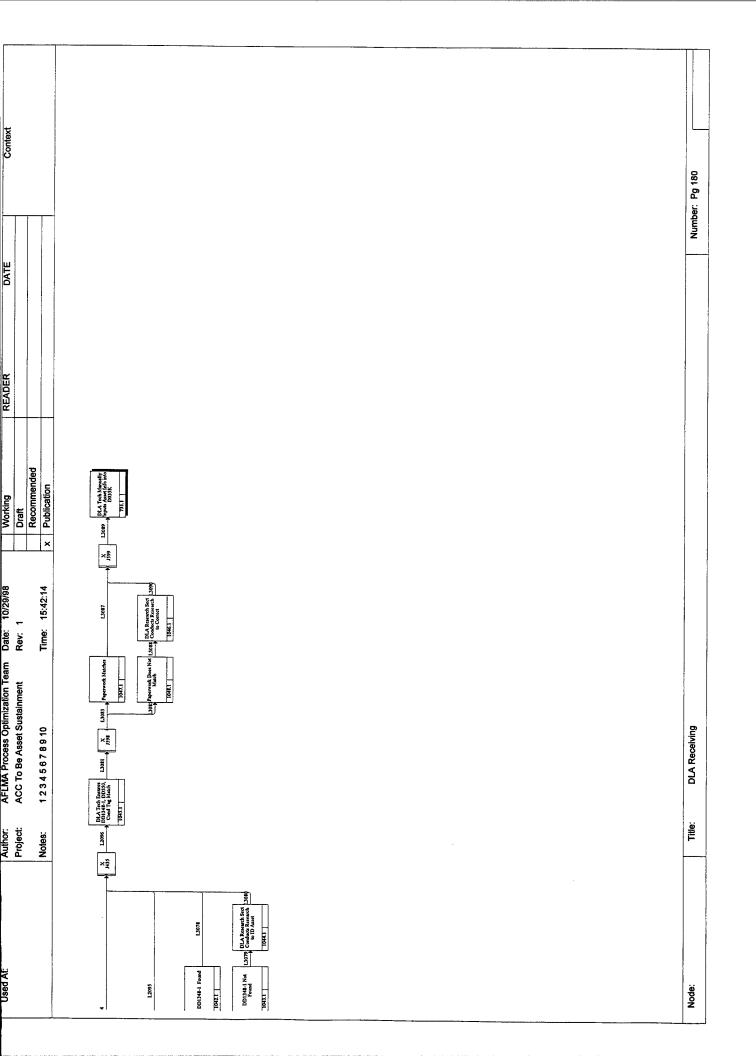
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Process Flow Decomp: Consumable Requisition & Demand Processing

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Process Flow Decomp: DLA Receiving

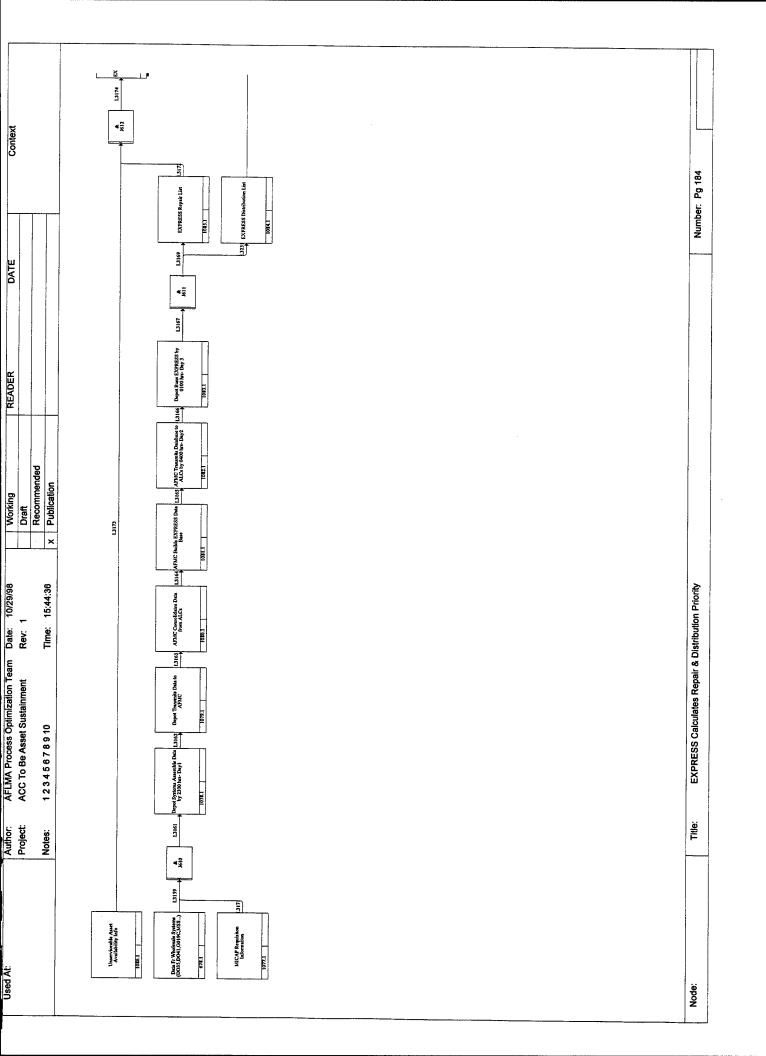


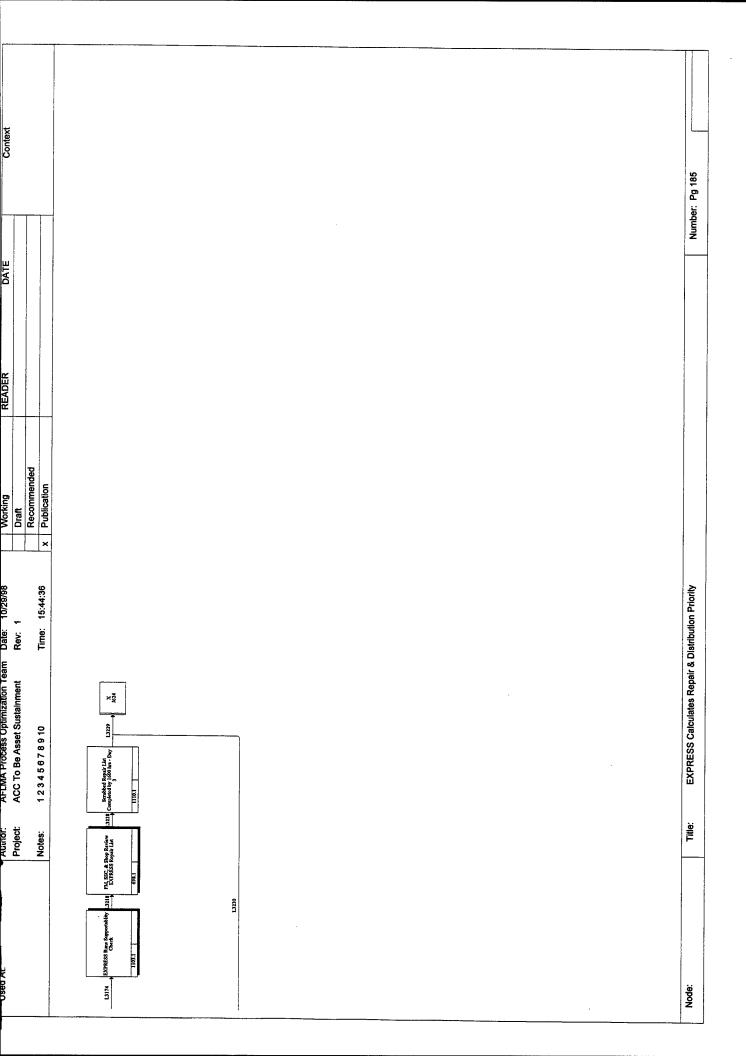


Process Flow Decomp: DLA Pulls Serviceable Asset From Storage

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Process Flow Decomp: EXPRESS Calculates Repair & Distribution Priority



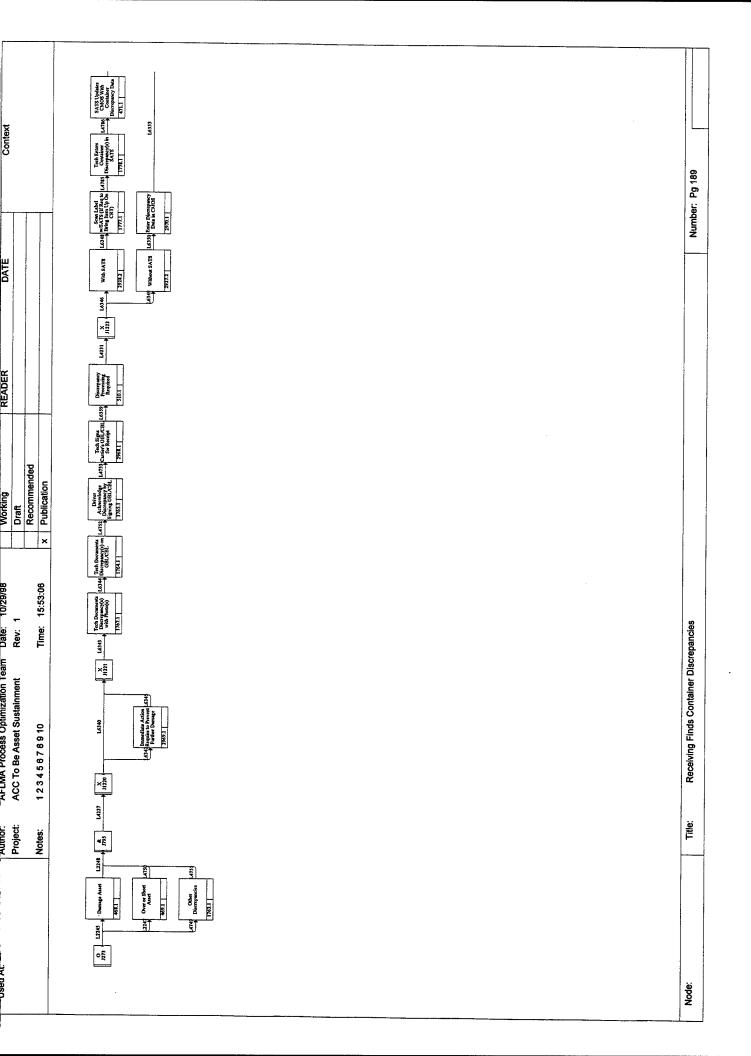


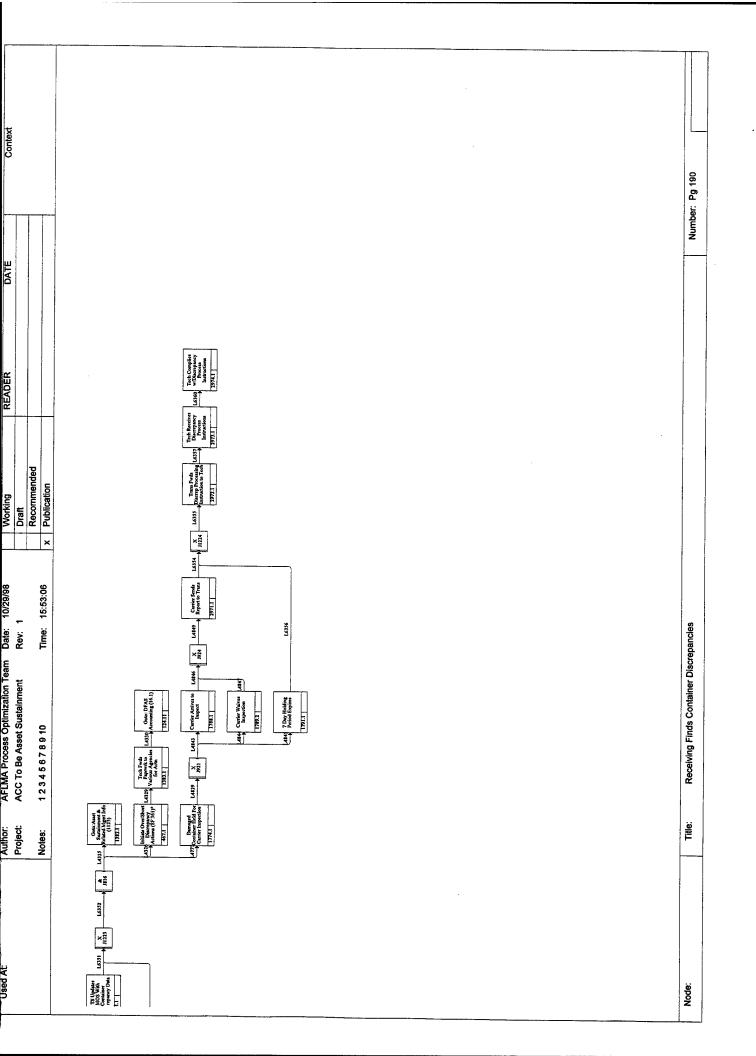
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Process Flow Decomp: Disposal

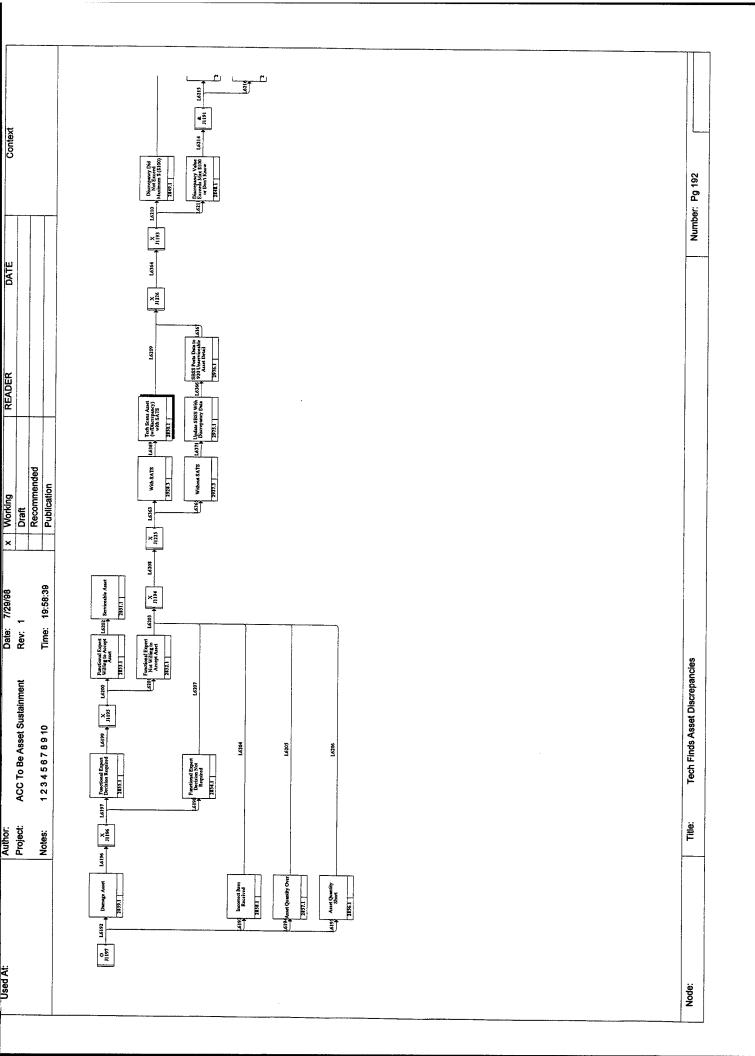
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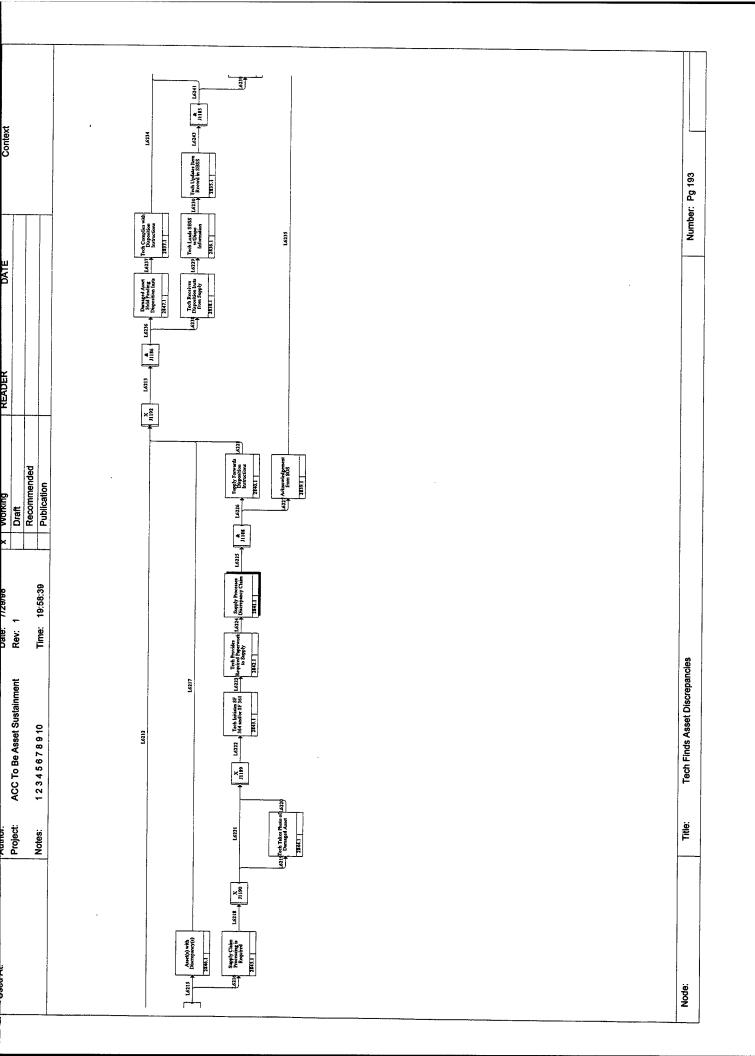
Process Flow Decomp: Receiving Finds Container Discrepancies

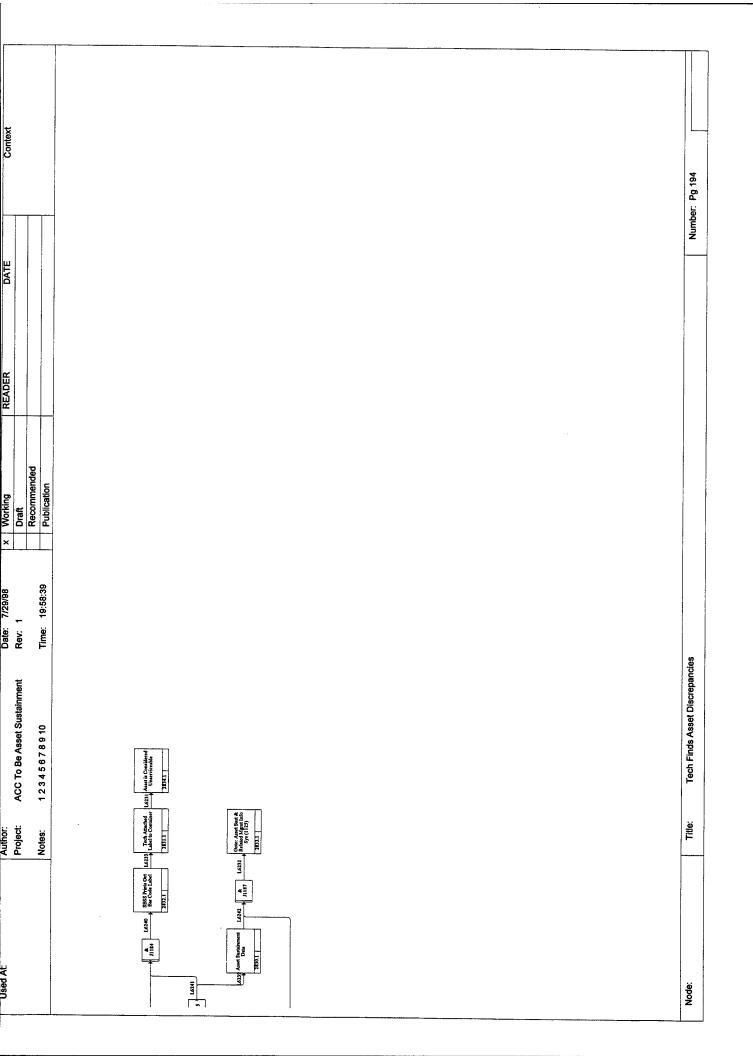




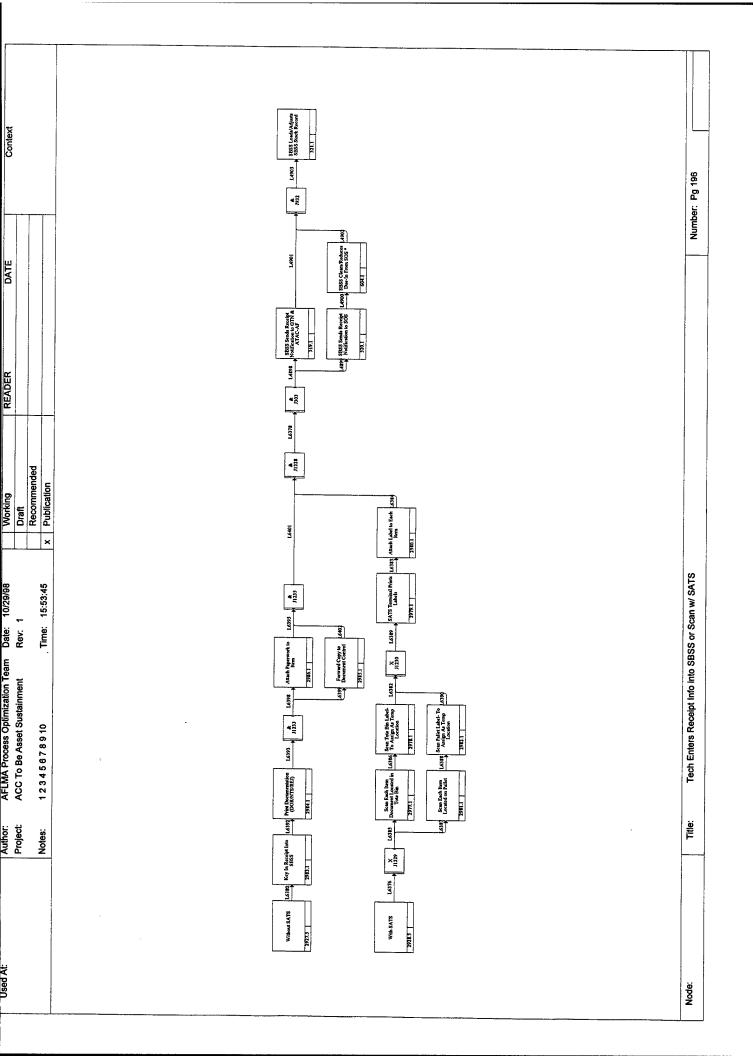
Process Flow Decomp: Tech Finds Asset Discrepancies







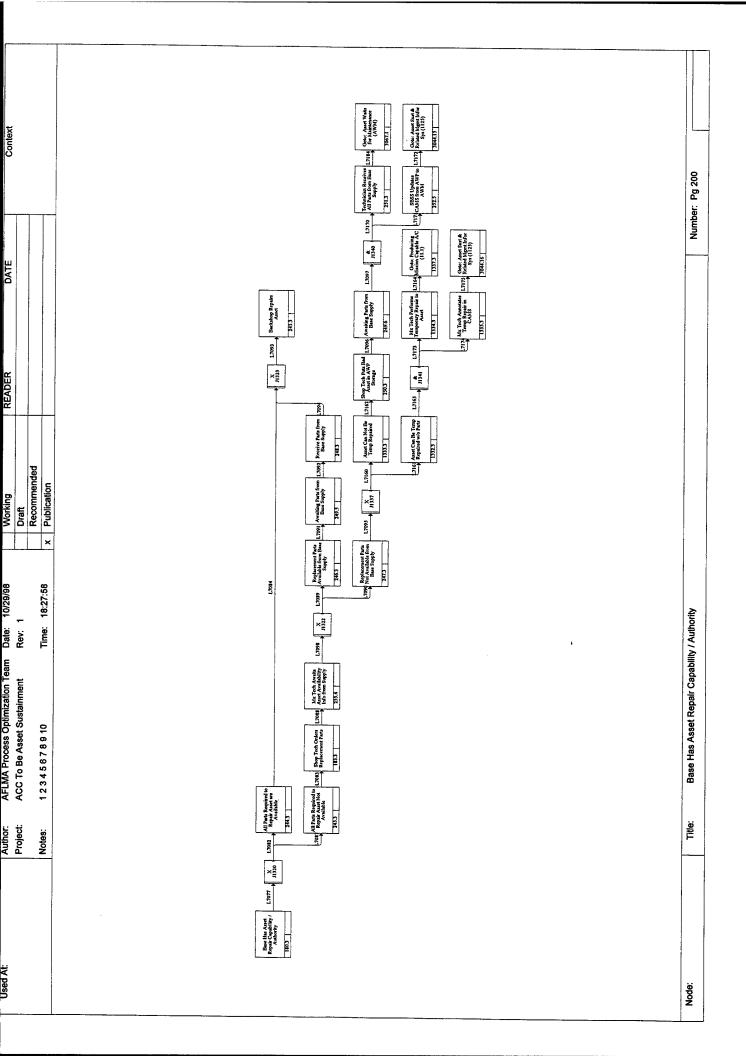
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Process Flow Decomp: Prod Super Turn Decisions

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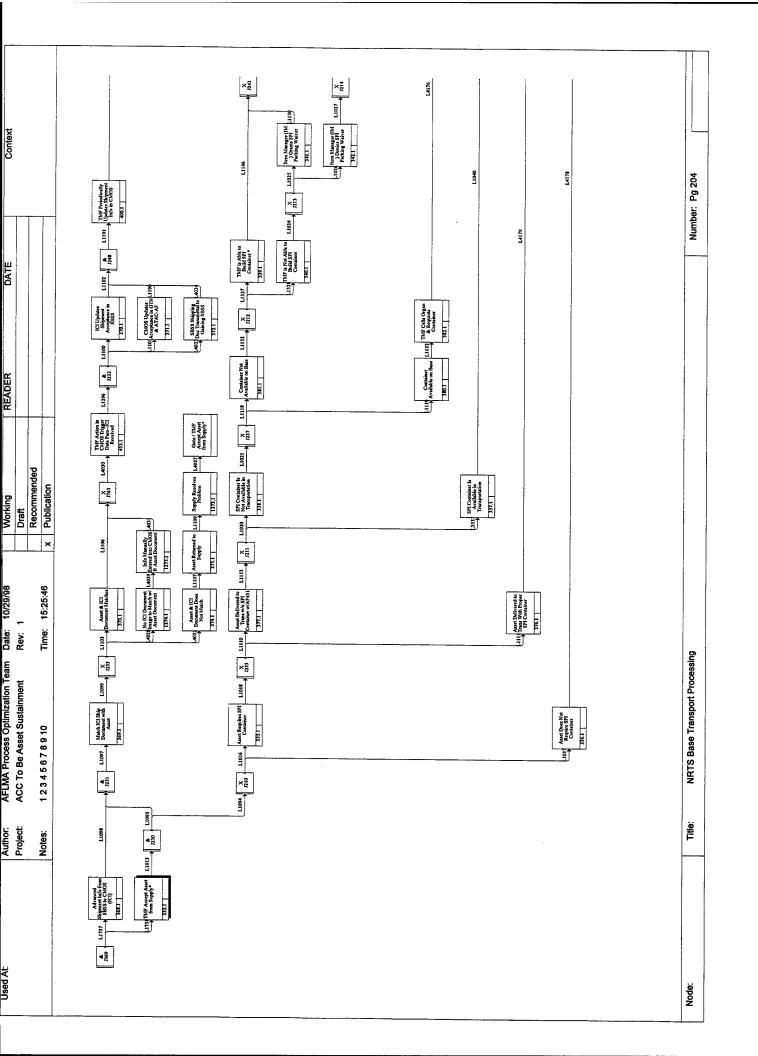
Process Flow Decomp: Base Has Asset Repair Capability / Authority

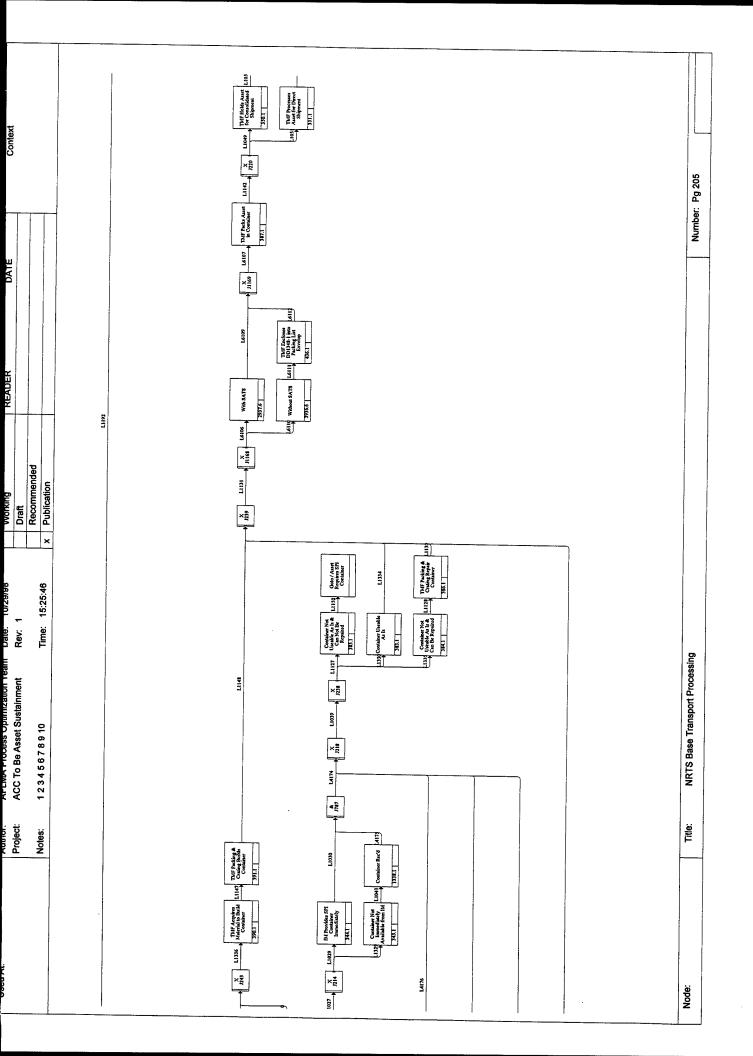


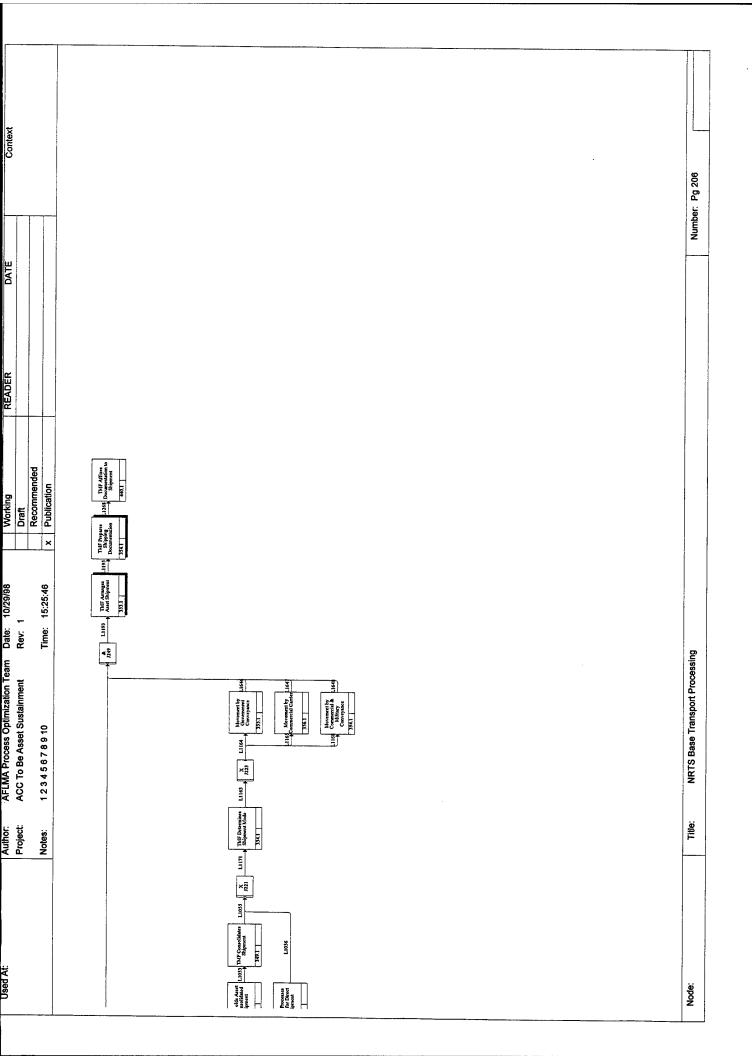
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Process Flow Decomp: NRTS Base Transport Processing







Process Flow Decomp: IMPAC Card Direct Purchase

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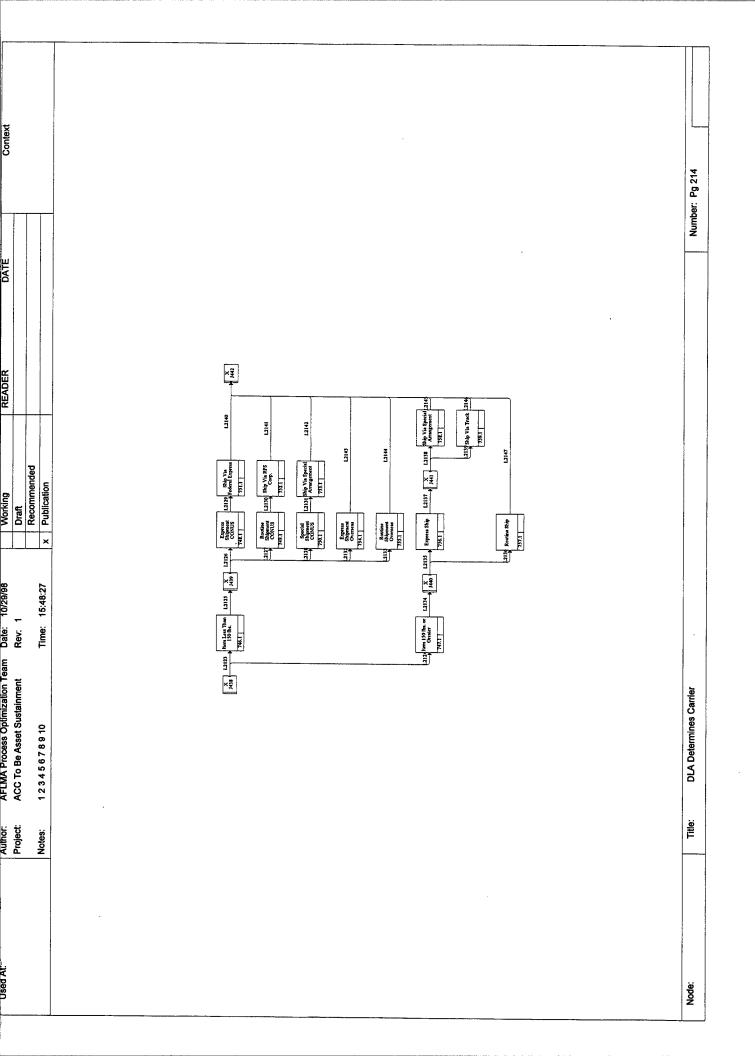
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Process Flow Decomp: DLA Prepares Asset For Storage or Shipping

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Process Flow Decomp: DLA Determines Carrier



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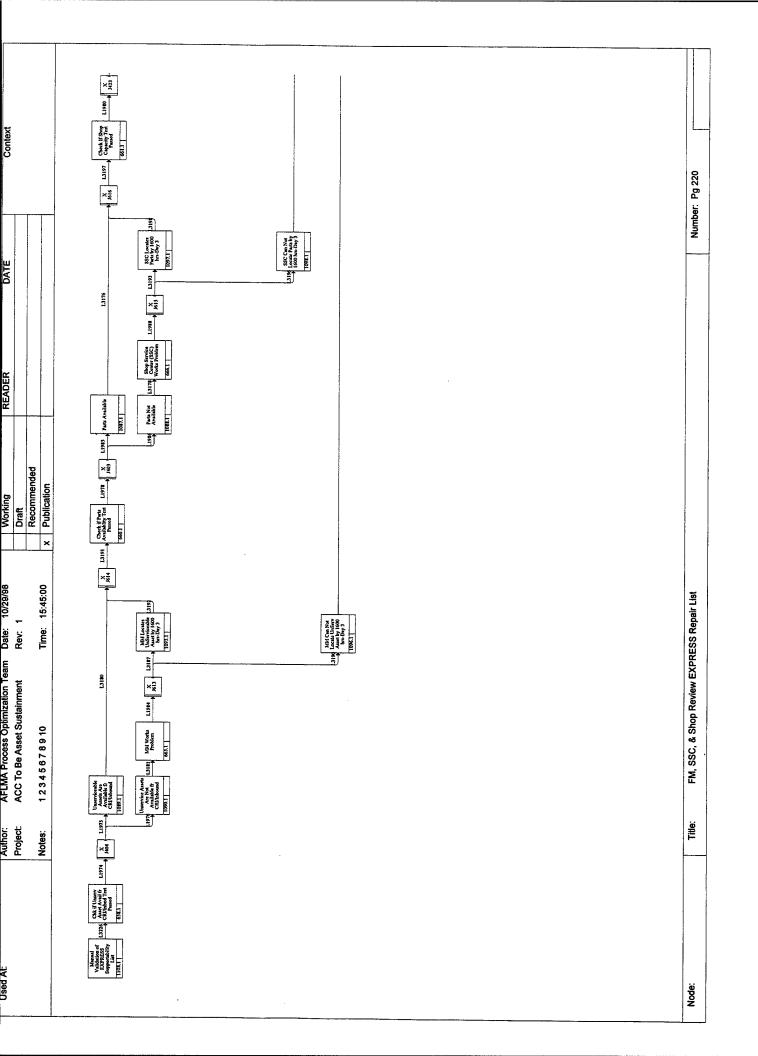
Process Flow Decomp: DLA Tech Manually Inputs Asset Info into D035K

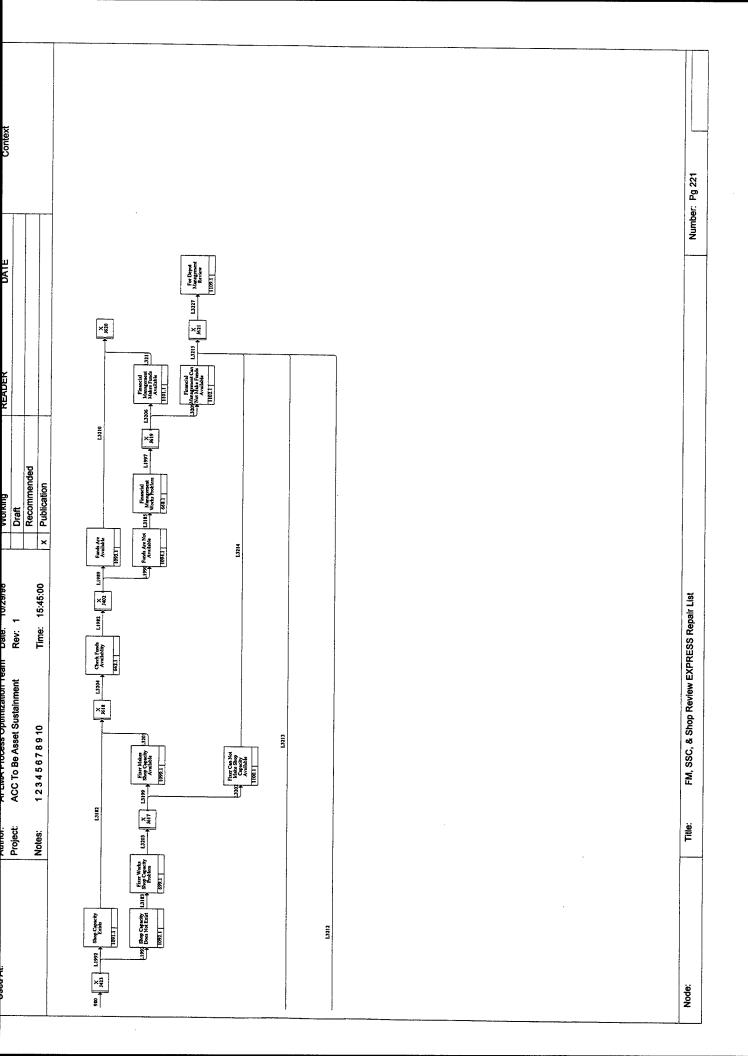
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Process Flow Decomp: EXPRESS Runs Supportablity Check

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Process Flow Decomp: FM, SSC, & Shop Review EXPRESS Repair List





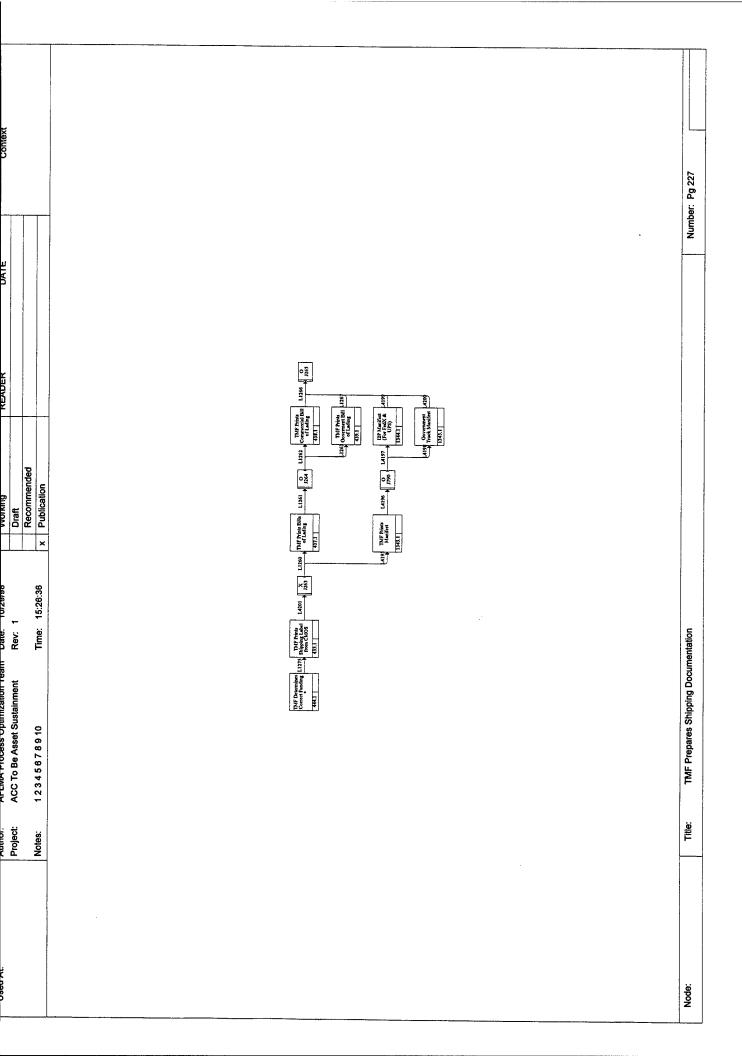
Process Flow Decomp: Supply Processes Discrepancy Claim

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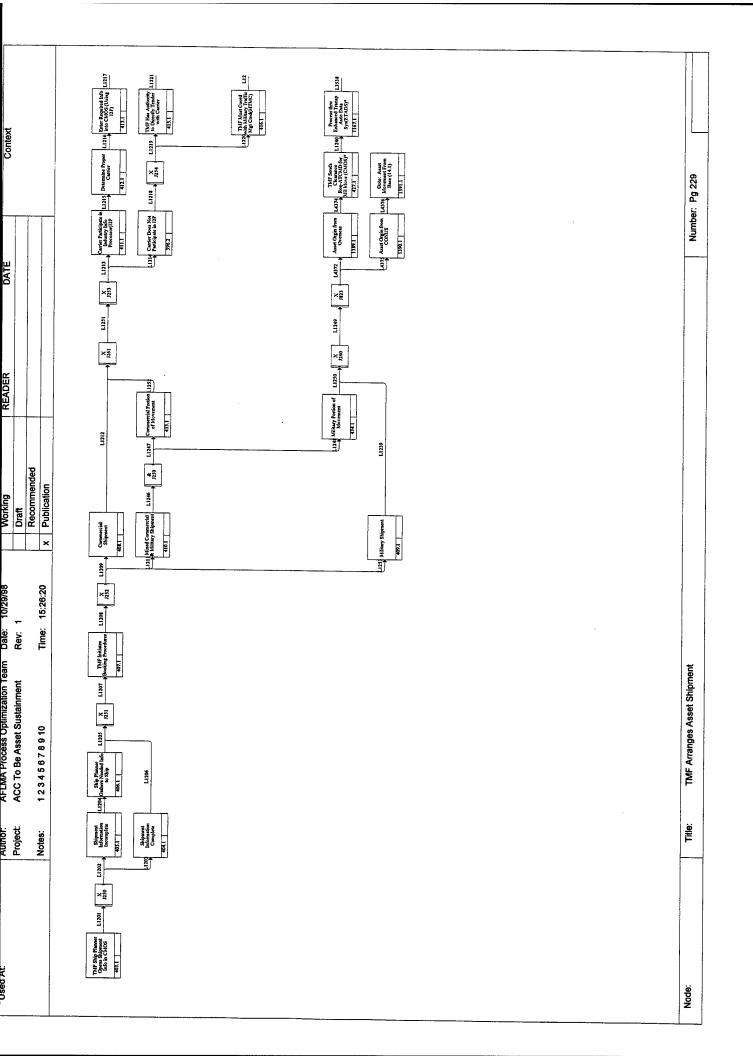
Process Flow Decomp: Tech Scans Asset (w/Discrepancy) with SATS

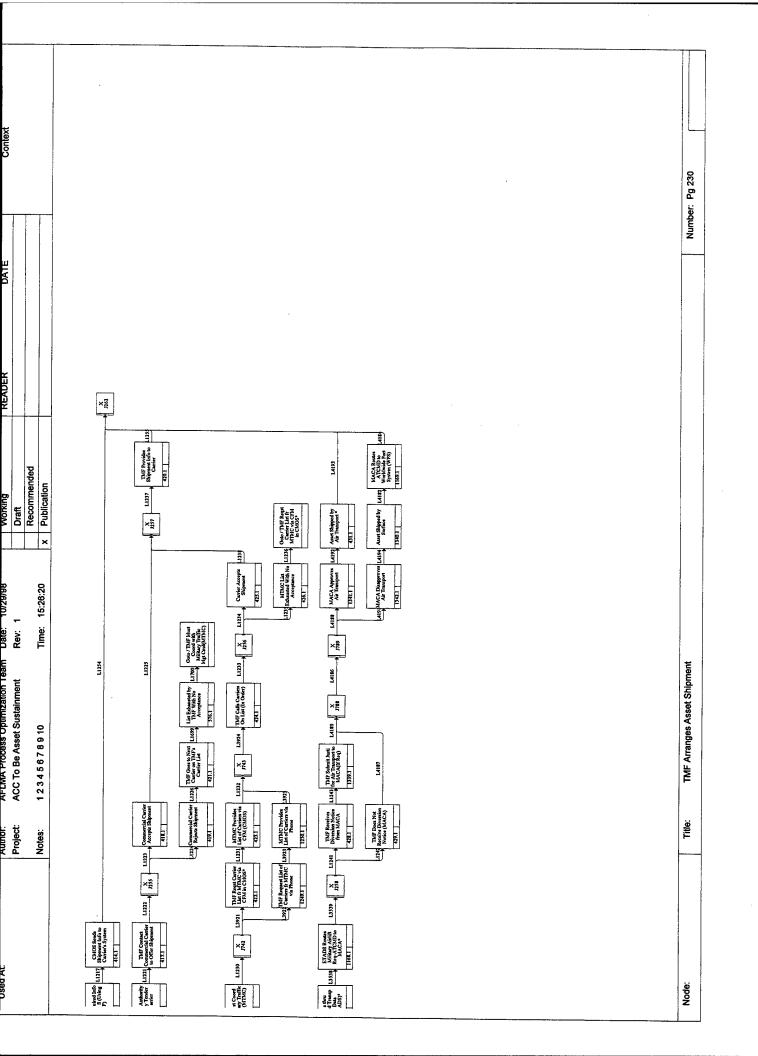
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Process Flow Decomp: TMF Prepares Shipping Documentation



Process Flow Decomp: TMF Arranges Asset Shipment





Process Flow Decomp: TMF Accept Asset from Supply*

REPORT DOCUMENTATION PAGE

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